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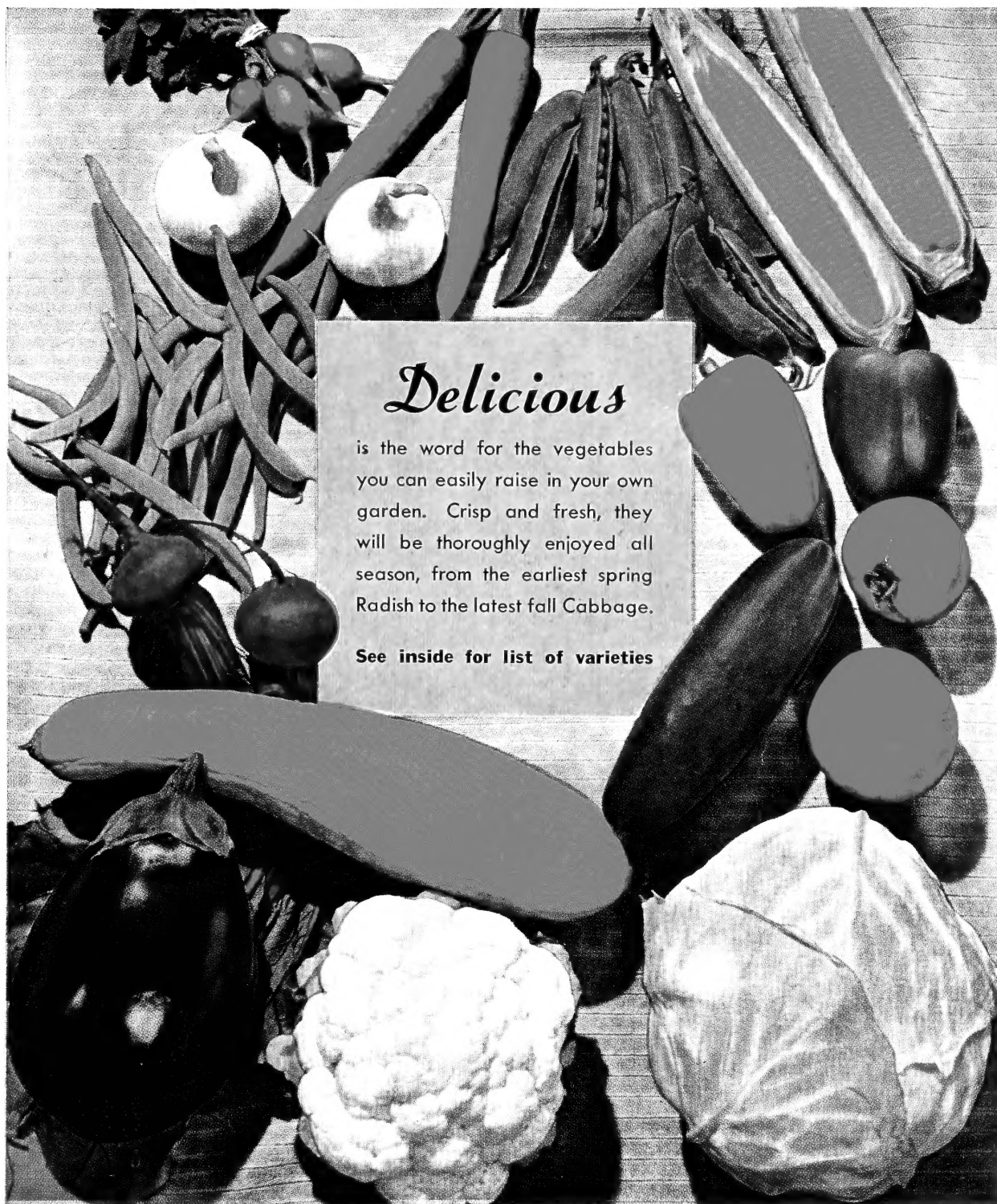
# Meyer Seeds

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U. S. Department of Agriculture

41st EDITION • 1951



## *Delicious*

is the word for the vegetables you can easily raise in your own garden. Crisp and fresh, they will be thoroughly enjoyed all season, from the earliest spring Radish to the latest fall Cabbage.

See inside for list of varieties

### SENSATION HYBRID TOMATO

Outstanding in quality of fruit, color and uniformity. Shows no cracking of fruit and has thick-meated side walls. The very small seed cavity makes it a shy seeder. The medium to large fruit of Rutgers type is scarlet-red, globe shaped, meaty and of excellent quality. A valuable Tomato for home and market gardeners.

Pkt. (about 50 seeds) 25c; 5 pkts. \$1.00

### HYBRID CUCUMBER

Hybrid Cucumber outyields open-pollinated varieties; on account of its long bearing period, it will produce long after others have ceased. It is of the white spine type, with handsome dark green fruit 8 inches long or more and up to 2½ inches thick. The white flesh of excellent quality makes it the ideal slicing Cucumber.

Pkt. (about 35 seeds) 25c; 5 pkts. \$1.00

The MEYER SEED CO.

1-3-5 EAST LOMBARD ST.  
Tel. Lex. 6170 - 6171  
7804 BELAIR ROAD  
Tel. Boulevard 128

BALTIMORE 2, MD.  
BALTIMORE 6, MD.





## M.-S. Lawn Grasses



## BACKED BY MANY YEARS' REPUTATION

### Lawn Grass Mixtures subject to 2 per cent sales tax

Next to the house, the most important thing about a home is a beautiful lawn, and to establish a lawn which will retain its rich green color and springy velvety turf throughout the entire summer and fall, we have prepared several mixtures of the best grasses to which just enough clover has been added to make it the best possible for this purpose; we also have some mixtures without clover. With our clean grass seed, free from weed seed, to start with, it is easy to have a turf of which you will be proud. For making a new lawn, 75 to 100 pounds per acre are required, or for renovating old lawns, 40 to 50 pounds per acre. To bring this down to small lawns, a plot 10 by 20, or 200 square feet, requires 1 pound for a new lawn or ½ pound for renovating.

Restore the beauty of your lawn or make a beautiful new lawn by seeding with M.-S. Famous Lawn Seeds and applying well-known Special Lawn Foods.

You will find our M.-S. Roland Park Lawn Grass the ideal mixture to use for sunny places, and our M.-S. Shady Nook Lawn Grass just right for shady places. Use 1 lb. to 200 sq. ft. and 25 lbs. to ¼ acre. Use Special Lawn Foods at the rate of 10 lbs. to 400 sq. ft. and 200 lbs. to ¼ acre.

### ESSENTIALS FOR MAINTAINING A GOOD LAWN

1. In early spring rake out all debris.
2. Roll while the ground is still spongy.
3. Sow a little grass seed both spring and fall.
4. Use SACCO at least once a year. Frequent light applications are better.
5. Cut the grass often enough so that the clippings may be allowed to remain on the ground.
6. Do not clip so short as to injure the crowns of plants.
7. When watering, SOAK the ground—don't sprinkle.

**M.-S. ROLAND PARK LAWN GRASS.** This popular, widely used mixture contains the best of grasses and white clover.

**Lb. 80c; 3 lbs. \$2.35; 5 lbs. \$3.75; 10 lbs. \$7.25; 30 lbs. (bus.) \$21.00.**

**M.-S. GUILFORD GARDEN CLUB MIXTURE.** This is a special mixture which is used extensively in the Guilford, Homeland, and Roland Park sections of Baltimore. No clover.

**Lb. 95c; 3 lbs. \$2.80; 5 lbs. \$4.60; 10 lbs. \$9.00; bus. \$25.00.**

**M.-S. SHADY NOOK GRASS.** This fine mixture is made up of grasses which will thrive in shade and will give you a nice green carpet under your trees. Contains no clover.

**Lb. 85c; 3 lbs. \$2.50; 5 lbs. \$4.10; 10 lbs. \$8.00; 30 lbs. \$22.00.**

**EVERGREEN LAWN GRASS.** Composed of grasses and clover which make a quick, lasting lawn.

**Lb. 70c; 3 lbs. \$2.05; 5 lbs. \$3.25; 10 lbs. \$6.50; 30 lbs. \$18.75.**

**M.-S. TERRACE MIXTURE.** This consists of quick-growing, deep-rooted grasses and white clover, which will prevent washing. It is the finest Terrace Mixture we have ever seen.

**Lb. 80c; 3 lbs. \$2.35; 5 lbs. \$3.75; 10 lbs. \$7.25; bus. \$21.00.**

**M.-S. BENT GRASS, LAWN AND PUTTING-GREEN MIXTURE.** This mixture is prepared for places where pure Bent Grass lawns are subject to fungus attacks. Without clover, but in addition to Creeping Bent contains the finest grades of Kentucky Blue Grass and Fancy Red-Top.

**Lb. 95c; 3 lbs. \$2.80; 5 lbs. \$4.60; 10 lbs. \$9.00; bus. \$25.00.**

**WHITE DUTCH CLOVER.** ¼lb. 35c; lb. \$1.25.

**CREEPING BENT.** Especially adapted wherever a velvet-like lawn is wanted. **Lb. \$1.25.**

**FESCUE, CHEWING'S.** For shady situations and fine lawns, this grass has no equal. **Lb. \$1.25.**

**SACCO.** The complete all-purpose plant-food. Contains all eleven elements needed for thicker, greener turf, beautiful flowers, vigorous trees and shrubs, and more tasty vegetables. Sacco is famous for results. It is clean, odorless and always uniform. Sacco is endorsed by thousands of home owners and professional gardeners everywhere. **2½ lbs. 25c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.25.**

**WEDO.** The new sensational grass grower and weed killer. Contains 2,4-D. Analysis 6-10-4. Suggested rate of application, 1½ lbs. per 100 sq. feet. **7½ lb. pkg. \$1.00; 25 lbs. \$2.75; 50 lbs. \$4.95; 100 lbs. \$7.95.**

**LAWN MOWER SERVICE DEPARTMENT.** Our Service Department is thoroughly equipped with the most modern machinery to give prompt and efficient service by our skilled mechanics. We repair, sharpen, or adjust any model Power or Hand Mower. All work called for and delivered. Get our estimates on your requirements. Let us put your mowers in condition during the winter months.

*Special prices on grasses in larger quantities on application. If wanted by Parcel Post, add as to zones. PRICES SUBJECT TO CHANGE  
All Lawn Grass and Mixtures are subject to sales tax*

For other Grass Seed and Mixtures see pages 26 and 27

For other Lawn Foods and Fertilizers see page 47



# 1951 GARDEN BOOK



**G**REETINGS! Another year has rolled around again and it is our great privilege to present to you our 1951 Garden Book. Here we have listed and described what we believe to be the best Seeds, Bulbs, Plants, Horticultural, Poultry and Pet Supplies which it is possible to obtain, and we have tried to include as much information as possible to aid you in using our materials. We have spent many years in getting together all of this information, and we hope that you will not only use this book in ordering our goods but will find it a valuable reference work. Please remember that our motto is "Punctuality, Sterling Quality, Courteous Treatment," and we intend to live up to it.

Our seeds are tested by approved and modern methods, and no inferior seed is knowingly sent to our customers. In spite of this, failures will occur, usually from some cause beyond our control, and while we will do everything in our power to assist our customers, we must advise that our seeds are sold under the following usual non-warranty: "The Meyer Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed."

Our branch store, located at 7804 Belair Road, should be a convenience to many of our customers in the northeast section of Baltimore County and city. Ample parking facilities.

## Parcel Post Rates from Baltimore (Subject to Change)

Articles marked postpaid are sent free only to the 2d zone; for farther distances consult Parcel Post chart.

POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles	POUNDS	LOCAL	First and Second Zones, Up to 150 Miles	Third Zone, 150 to 300 Miles	Fourth Zone, 300 to 600 Miles	Fifth Zone, 600 to 1,000 Miles
1	\$0.10	\$0.12	\$0.13	\$0.14	\$0.15	36	\$0.39	\$0.83	\$1.13	\$1.65	\$2.12
2	.11	.15	.16	.19	.21	37	.40	.85	1.16	1.70	2.18
3	.12	.17	.19	.23	.27	38	.40	.87	1.19	1.74	2.23
4	.13	.19	.22	.28	.33	39	.41	.89	1.22	1.78	2.29
5	.14	.21	.25	.32	.39	40	.42	.91	1.24	1.82	2.34
6	.15	.23	.28	.37	.45	41	.43	.93	1.27	1.87	2.40
7	.16	.25	.31	.41	.51	42	.43	.95	1.30	1.91	2.45
8	.17	.27	.34	.46	.57	43	.44	.97	1.33	1.95	2.51
9	.18	.29	.37	.50	.63	44	.45	.99	1.36	1.99	2.56
10	.19	.31	.40	.55	.69	45	.46	1.01	1.38	2.04	2.62
11	.20	.33	.43	.59	.75	46	.46	1.03	1.41	2.08	2.67
12	.21	.35	.46	.63	.80	47	.47	1.05	1.44	2.12	2.73
13	.22	.37	.49	.68	.86	48	.48	1.07	1.47	2.16	2.78
14	.22	.39	.52	.72	.91	49	.49	1.09	1.50	2.21	2.84
15	.23	.41	.54	.76	.97	50	.49	1.11	1.52	2.25	2.89
16	.24	.43	.57	.80	1.02	51	.50	1.13	1.55	2.29	2.95
17	.25	.45	.60	.85	1.08	52	.51	1.15	1.58	2.33	3.00
18	.25	.47	.63	.89	1.13	53	.52	1.17	1.61	2.38	3.06
19	.26	.49	.66	.93	1.19	54	.52	1.19	1.64	2.42	3.11
20	.27	.51	.68	.97	1.24	55	.53	1.21	1.66	2.46	3.17
21	.28	.53	.71	1.02	1.30	56	.54	1.23	1.69	2.50	3.22
22	.28	.55	.74	1.06	1.35	57	.55	1.25	1.72	2.55	3.28
23	.29	.57	.77	1.10	1.41	58	.55	1.27	1.75	2.59	3.33
24	.30	.59	.80	1.14	1.46	59	.56	1.29	1.78	2.63	3.39
25	.31	.61	.82	1.19	1.52	60	.57	1.31	1.80	2.67	3.44
26	.31	.63	.85	1.23	1.57	61	.58	1.33	1.83	2.72	3.50
27	.32	.65	.88	1.27	1.63	62	.58	1.35	1.86	2.76	3.55
28	.33	.67	.91	1.31	1.68	63	.59	1.37	1.89	2.80	3.61
29	.34	.69	.94	1.36	1.74	64	.60	1.39	1.92	2.84	3.66
30	.34	.71	.96	1.40	1.79	65	.61	1.41	1.94	2.89	3.72
31	.35	.73	.99	1.44	1.85	66	.61	1.43	1.97	2.93	3.77
32	.36	.75	1.02	1.48	1.90	67	.62	1.45	2.00	2.97	3.83
33	.37	.77	1.05	1.53	1.96	68	.63	1.47	2.03	3.01	3.88
34	.37	.79	1.08	1.57	2.01	69	.64	1.49	2.06	3.06	3.94
35	.38	.81	1.10	1.61	2.07	70	.64	1.51	2.08	3.10	3.99

C. O. D. charges up to \$2.50, 20 cents; \$2.51 to \$5, 25 cents; \$5.01 to \$25, 35 cents; \$25.01 to \$50, 45 cents; \$50.01 to \$100, 55 cents; \$100.01 to \$150, 60 cents; \$150.01 to \$200, 65 cents.

All goods sent by Parcel Post are at purchaser's risk, unless insured. Insurance is 5 cents up to \$5, 10 cents for \$5.01 to \$10, 15 cents for \$10.01 to \$25, 25 cents for \$25.01 to \$100, 30 cents for \$100.01 to \$200. This insures delivery only but not damage to package.

## CUSTOMERS PLEASE NOTE

To avoid misunderstanding read these conditions of sale:

"The maintenance of prices in these unsettled times is a serious problem for anyone publishing a catalog.

"For instance, should you send an order for some item in this catalog on which the published price is no longer correct, we will notify you of the new price and make shipment only after receiving an OK from you."

We aim to give our customers the best service possible. If we make an error, tell us about it and we'll make it right. If there is any information you want in our line of business, write us (if you can't call), and we shall be glad to give it careful attention. Our various departments are in charge of experts who are able to answer intelligently almost all inquiries pertaining to horticulture, agriculture, poultry, and pet stock. Always write inquiries on a sheet separate from your order; it means quicker reply.

The attention of our customers is respectfully called to the following directions which will, if followed, be an aid to purchasers as well as to ourselves.

**How to Send Money.** Remittances may be sent either in the form of a Money Order, Bank Check or Draft, or, if currency is sent, it should be registered. Postage stamps are satisfactory for small amounts.

**Orders from Unknown Correspondents.** We often receive orders from unknown correspondents, without remittances, who request that we forward the goods and payment will be sent later. Please do not ask us to do this unless established credit has been previously arranged with us, as satisfactory business references must always be given by customers wishing to open accounts for credit.

**IMPORTANT.** Merchandise to be returned for credit must be returned within 5 days, in good order, free of expense to us.

Should you want to purchase anything needed in the garden, greenhouse, or farm, not listed in this catalog, we will gladly fill your order at the lowest market price, or quote prices if desired, if available.

**ORDER EARLY.** We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods, or when ready.

## PARCEL POST RATES

We deliver by PARCEL POST FREE to any post office in the United States all cash orders for Flower and Vegetable Seeds in packets, ounces, and ¼ pounds, unless otherwise noted. No seed delivered free unless order is accompanied with the cash. For postage on Peas, Beans, Corn, Vegetable, and Field Seeds in larger quantities and all merchandise, consult table at left. All merchandise other than seeds, bulbs and plants, up to and including 8 ounces in weight, can be sent at the rate of 1 cent an ounce regardless of distance. Over 8 ounces at the Zone Rate.

**NOTE.** When estimating postage on goods not included in our free delivery, bear in mind that while the packing on one pound may weigh only the fraction of a pound, it must be considered as a full pound when adding postage. On larger quantities add postage in proportion.

**You may now send parcels 100 inches, length and girth combined, and up to 70 pounds to all zones.**

When larger quantities are wanted we can pack in two or more parcels if necessary, provided money is remitted to cover postage.

## LAWN-MOWER REPAIRING . . . HAND AND POWER

We have an up-to-date shop equipped with all of the latest machinery and superintended by experts so that we are able to take care of any jobs of any kind on either hand or power lawn mowers. We will call for and deliver work on short notice. Our men are interested in lawn mowers and we are sure their work will please you. Won't you give us an opportunity to prove this?

**THE MEYER SEED CO.,** 1-3-5 EAST LOMBARD ST. **BALTIMORE 2, MD.**  
Telephone: Lex. 6170-6171  
7804 BELAIR RD. - 6  
Telephones: Dial 47, Boulevard 128

# INDEX—1951 Garden Book

## FLOWER SEEDS Annual

	Page
Ageratum	3,29
Alyssum	29
Amaranthus	29
Antirrhinum	3,29
Arctotis	29
Argemone	3
Asparagus	25
Asters	3,29,4th cov.
Babys-Breath	31
Balloon-Vine	29
Balsam	29
Balsam-Apple	29
Begonia	29
Bells of Ireland	3
Black-eyed Susan	29
Border Blend	3
Brachycome	29
Buddleia	3
Calceola	3
Cactus	29
Calendar, Planting	28
Calendula	29
California Poppy	29
Calliopis	30
Campanula	30
Candytuft	30
Canary-Bird Vine	30
Canterbury Bells	30
Cardinal Climber	30
Carnation	30
Castor-Oil Bean	30
Celosia	30
Centaurea	30
Chinese Woolflower	30
Chrysanthemum	3,30
Cineraria	30
Clarkia	30
Cleome	30
Cloëa	30
Coleus	30
Coral Flower	30
Cornflower	30
Cosmos	3,30
Cuphea	30
Cynoglossum	30
Cypress Vine	30
Dahlia	31
Daisy, Dahlberg	3
Daisy, Tahoka	31
Datura	3
Dianthus	3,31
Didiscus	31
Dimorphotheca	31
Dolichos	31
Eschscholtzia	31
Euphorbia	31
Everlastings	31
Flax	31
Four o'Clock	31
Gaillardia	31
Geranium	31
Godetia	31
Gomphrena	31
Gourds	31
Gypsophila	31
Helianthus	34
Helichrysum	31
Heliotrope	31
Hollyhock	31
House Plants	3
Hunemannia	31
Hyacinth Bean	31
Iceland	31
Impatiens	31
Ipomoea	32
Johnny Jump-Ups	3
Kochia	31
Lantana	31
Larkspur	31,4th cov.
Lilies	3
Lobelia	31
Lupins	31
Marigolds	3,31,32
Marvel of Peru	32
Mignonette	32
Momordica	29
Moonflower	32
Morning-Glory	3,32
Mourning Bride	32
Nasturtiums	32
Nicotiana	32
Nierembergia	3
Nigella	32
Novelties	3
Oenothera	32
Pansies	32
Passion Vine	32
Petunias	32,33,4th Cov.
Phlox	33
Pimpernel	33
Pinks	31
Poppies	33
Portulaca	33
Ricinus	33
Rock-Garden mixture	33
Rudbeckia	29

## FLOWER SEEDS Perennial Biennial

Aconitum	36
Alyssum	36
Anchusa	36
Anemone	36
Anthemis	36
Aquilegia	36
Arabis	36
Armeria	36
Cleome	36
Cloëa	36
Coleus	36
Coral Flower	36
Cornflower	36
Cosmos	3,30
Cuphea	36
Cynoglossum	36
Cypress Vine	36
Dahlia	36
Daisy, Dahlberg	36
Daisy, Tahoka	36
Datura	36
Dianthus	36
Didiscus	36
Dimorphotheca	36
Dolichos	36
Eschscholtzia	36
Euphorbia	36
Everlastings	36
Flax	36
Four o'Clock	36
Gaillardia	36
Geranium	36
Godetia	36
Gomphrena	36
Gourds	36
Gypsophila	36
Helianthus	36
Helichrysum	36
Heliotrope	36
Hollyhock	36
House Plants	36
Hunemannia	36
Hyacinth Bean	36
Iceland	36
Impatiens	36
Ipomoea	36
Johnny Jump-Ups	36
Kochia	36
Lantana	36
Larkspur	36
Lilies	36
Lobelia	36
Lupins	36
Marigolds	36
Marvel of Peru	36
Mignonette	36
Momordica	36
Moonflower	36
Morning-Glory	36
Mourning Bride	36
Nasturtiums	36
Nicotiana	36
Nierembergia	36
Nigella	36
Novelties	36
Oenothera	36
Pansies	36
Passion Vine	36
Petunias	36
Phlox	36
Pimpernel	36
Pinks	36
Poppies	36
Portulaca	36
Ricinus	36
Rock-Garden mixture	36
Rudbeckia	36

Veronica	37
Viola	37
Wallflower	37

## BULBS, PLANTS ROOTS AND NURSERY STOCK

Begonias	39,3d Cov.
Blackberries	44
Blueberries	44
Boysenberry	44
Caladiums	39,3d Cov.
Cannas	39,40
Chrysanthemums	3,42
Daffodil, Peruvian	40,3d Cov.
Dahlias	38
Dewberries	44
Elephant's-Ear	39
Flowering Trees	43
Fruit Trees	44
Gladious	39
Gloxinia	39,3d Cov.
Grapes	44
Hedges	43
House Plants	3
Hyacinths, Cape	40
Iris	3
Madeira Vine	40
Montbretias	40
Oxalis	40
Raspberries	44
Roses	41,42
Shade Trees	43
Shellflower	40
Shrubs	43
Strawberries	3,44
Tigridia	40,3d Cov.
Tuberose	40
Vines	44
Zephyranthes	40

## VEGETABLE SEEDS, PLANTS AND ROOTS

Anise	16
Artichoke	6
Asparagus	6,25
Balm	16
Beans	7,8,9
Beets	9
Borage	16
Borecole	15,25
Broccoli	6,25
Brussels Sprouts	6,25
Cabbage	11,25
Cantaloupe	17
Caraway Seeds	16
Carrot	12
Catnip	16
Cauliflower	12,25
Celeriac	10
Celery	10,25
Celtuce	12
Chervil	10
Chicory	12
Chinese Cabbage	11
Chives	18
Citron	17
Collards	11
Coriander	16
Corn, Field	13
Corn, Pop	13
Corn, Salad	10
Corn, Sugar	13,14
Cress	10
Cucumber	12
Dandelion	10
Dill	16
Eggplant	16,25
Endive	16
Fennel	16
Finocchio	16
Gumbo	18
Herbs	16
Horehound	16
Horseradish	25
Hotbed Plants	25
Kale	15
Kohlrabi	15
Lavender	16
Leek	18
Lettuce	15
Mangel-Wurzel	9
Martynia	16
Mushroom Spawn	18
Muskmelons	17
Mustard	18
Mustard Spinach	18
Okra	18
Onions	18,25
Onion Sets	18
Oyster Plant	24
Parsley	20

Parsnip	20
Peanuts	20
Peas	20
Pennyroyal	16
Pepper	20,25
Peppermint	16
Planting Chart	4,5
Potatoes	22
Pumpkin	22
Radish	21
Rapa	6
Rhubarb	22,25
Rosemary	16
Rue	16
Rutabaga	24
Saffron	16
Sage	16
Salsify	24
Schnittlauch	18
Sorrel	22
Sour Grass	22
Southern Plants	25
Spearmint	16
Spinach	24
Spinach Beet	11
Squash	21
Summer Savory	16
Sweet Basil	16
Sweet Marjoram	16
Sweet Potatoes	25
Swiss Chard	11
Tampala	24
Tansy	16
Thyme	16
Tobacco Seed	24
Tomatoes	1st Cov.,23,25
Turnip	24
Vegetable Marrow	24
Vegetable Plants and	25
Roots	25
Watermelons	17
Woodruff	16
Wormwood	16

## LAWN AND FIELD SEEDS

Buckwheat	26
Clover	2d Cov.,26
Corn, Broom	26
Cowpeas	26
Grass, Lawn	2d Cov.
Grass, Pasture	26
Miller	26
Peas, Field	26
Rape	26
Soja Bean	26
Sorghum	26
Soy Bean	7
Timothy	26
Vetch	26

## HORTICULTURAL SUPPLIES

Aerosol Bombs	48
Asparagus Accesso-	6,49
ries	6,49
Ax	50
Baskets	58
Beetle Traps	53
Berry Boxes	58
Brush Hook	49
Bull Ring	55
Bunch Tier	57
Washer	57
Bush Hook	49
Butter Churns	55
Cable, Electric	64
Calf Weaner	55
Cat Repellents	46
Cel-O-Glass	44
Chains, Trace and	56
Tieout	56
Corn, Shelter	57
Crow Repellent	27,46
Cultivator	49,51,56
CultivatorAccessories	56
Dairy Supplies	55
Dibble	49
Dusters	52
Edger	50
Electric Plant	54
Electrictrimmer	49,54
Fertilizers	2d Cov.,47
Fertilizer Distributor	56,57,58
Floralife	47
Flower-Bed Guards	55
Flower Pots	48
Saucers	48
Forks, Garden	49
Ensilage	51
Hay	51
Manure	51
Spading	51
Fruitone	47
Fruit Picker	51
Fungicides	45,46

Garbage Pail	56
Garden Line	49
Garden Hose	53
Garden Sets, Ladies	51
Glazing Points	55
Gloves	48,58
Grafting Wax	49
Grape Bags	49
Grass Catcher	54
Hooks	49
Shears	49
Graswip	49
Handi-Cart	57
Handles	50,51
Harrows	56
Hatchets	50
Hedge Shears	50
Hoes	50,51,56
Hog Ring	55
Hormodin	47
Hormones	47
Hose	53
Hose Accessories	52,53
Hotbed Glass	55
Mats	55
Sash	55
Hotkaps	25
Inoculation	27
Insecticides	45
Kneeling Pads	50
Knives	6,49,50
Labels, Pot & Tree	48
Land Rollers	51
Lawn Broom Rakes	51
Lawn Mowers	54
Rollers	51
Sweepers	51,58
Trimmer	54
Leaf-Rack	51
Lime Sower	58
Mail Boxes, Rural	58
Martock	50
Mole Trap	56
Mouse Poison	64
Mowers	54
Nitragin	27
Nozzles	52,53
Peat Moss	47
Pick	50
Planet Jr. Tools	56
PlanTabbs	49
Planter	49
Planting Tool	49
Plant Boxes	47
Foods	47
Fountain	50
Setter	58
Sprinklers	50,53
Stakes	48
Supports	48
Ties	48
Tubs	48
Plow-Lines	49,54
Plow Parts	56
Plows	51,56
Poles	50
Potato Hook	51
Pruners	50
Pruning Knives	50
Saws	50
Shears	50
Rabbit Repellents	46
Raffia	6,49
Rakes	51
Rollers	51
Root-crop Washer	57
Rootone	47
Rubbish Burners	56
Saucers	48
Scythes	49
Scythestone	49
Seed Bed Heater	55
Seeder	27,56,58
Seed, Bulb, Lawn	46
Protectants	46
Sheds	49,50
Shovels	56
Shrub Protector	55
Sickles	49
Snaths	49
Soap Spreaders	46
Soil-Soaker	53
Soil-Test Kits	56
Spades	51
Sprayer Accessories	52
Sprayers	52

Sprinklers	50,53
Stakes, Plant	48
Bamboo	48
Tonkin	48
Staples, Barb Wire	61
Thermometers	55
Tractor	56
Train-ettes	25
Transplantone	47
Tree Paint	46
Pruners	50
Trowels	49
Tubs	48
Twine	6,49
Twistems	48
Vitamin B1	47
Wall Nails	55
Watering Cans	50
Weed Destroyers	45,46
Weeders	49,50
Wheelbarrows	51
Window Boxes	50
Wire Trellis	55

## POULTRY, DOG AND BIRD SUPPLIES


Baby Chicks	63
Biological Products	62
Bird Houses	55
Feeder	55
Food	55,63
Brooders	55,59
Brooder Repairs	60
Caponizing Sets	62
Carbola	62
Cedar Bedding	64
Cel-O-Glass	44
Chick	60
Feeders	60
Founts	60
Disinfectant	63
Dog Foods	64
Remedies	64
Repellents	46
Soap	64
Draft Equalizer	60
Ducklings	63
Egg Basket	60
Boxes	62
Candler	61
Cleaner	61
Crates	62
Grader	61
Preservative	62
Scale	61
Tester	61
Float Valve	61
Fountain Heater	60
Fountains	60
Fowl Catcher	62
Glass Cloth	44
Incubator Repairs	60
Lee's Remedies	63
Leg-Bands	62
Mouse Poison	64
Nests	60
Egg	61
Pans and Grills	59
Poultry Food	63,64
Helmets	62
House Scraper	62
Killing Knife	62
Markers	62
Netting	61
Punch	62
Remedies	62,63
Wire Staples	61
Pratt's Remedies	63
Rain Caps, Deflec-	60
tors	60
Rat Poison	

# The Meyer Seed Co. Novelties for Your Flower Garden

Please read this particular page carefully, because it describes the newest and most improved varieties of Flower Seeds. We are sure that you will want to try most of them in your garden this season.

Flower Seeds Are Subject to Maryland Sales Tax

## AGERATUM, MIDGET BLUE

**301**  *Silver Medal, 1940.* A dwarf, compact plant, 3 to 4 inches tall, covered with rich azure-blue flowers. Fine for edging. Pkt. 15c; large pkt. 25c.

**301A** **THE GOLDEN.** 20 in. Pkt. 20c; 3 pkts. 50c.

**301B** **DWARF WHITE.** 8 in. Pkt. 20c; 3 pkts. 50c.

**301C** **FAIRY PINK.** 12 in. Pkt. 20c; 3 pkts. 50c.

**301D** **LASSEAUXI.** 20 in. Rosy mauve. A desirable cut flower. Pkt. 20c.

## ANTIRRHINUM (SNAPDRAGON)

**302** **TETRA SNAPS.** Giant ruffled Tetraploid Snapdragons. The largest flowered of all Snapdragons; beautiful colors and combinations. Pkt. 25c; 2 pkts. 45c; 5 pkts. \$1.00.

**303A** **MAGIC CARPET.** 6 to 8 in. Very dwarf, free-flowering strain suitable for rockery or borders. A choice mixture of many colors. Pkt. 25c; 2 pkts. 45c; 5 pkts. \$1.00.

## ARGEMONE

**301E** **PEERLESS BLEND.** The Everblooming Mexican Poppy. Pure white, cream, pale yellow, golden, blush, silvery rose and crimson. Mostly single, but a proportion will carry double, fringed flowers. Foliage often white-marbled. Pkt. 15c.

## ASTERS Giants of California

**304** A strain with immense flowers held erect on splendid stems. Plants grow 2½ to 3 feet tall and are generous with their flowers.

**AZURE BLUE**      **DARK PURPLE**      **WHITE**  
**CRIMSON**      **DEEP ROSE**

**MIXED** and all the colors. Pkt. 15c; large pkt. 25c.

**304A** **SANTA MARIA.** Double flowers over 6 inches in diameter, with long lacy white petals curling from an interlaced powdery center. These mammoth blooms are carried on stout, 2½-foot stems branching from the base. Pkt. 25c; 3 pkts. 70c.

## BELLS OF IRELAND

**307A** 30 in. The several branching stems are closely set in elongate hyacinth fashion, with big bell-calices of pale, translucent green. Within each calyx lies a curiously formed little white flower. Needs full sun; thrives in drought. Fine for cutting; also may be dried for winter decoration. Pkt. 25c.

## BUDDLEIA BLEND or BUTTERFLY-BUSH

**307B** A winter-hardy shrub, usually blooming the first season from early sowing. Variety of colors. Pkt. 25c.

## CACALIA

(Tassel Flower or Paint Brush)

**305** Tufted tassel flowers that seem to have been dipped in paint of vivid red or golden orange. Pkt. 15c; 2 pkts. 25c.

## CORAL FLOWER

**305A** Even the deep green, succulent foliage is decorative. Many slender, 30-inch stems bear little five-pointed stars of luminous rosy pink, in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral beads, hundreds of them on each great glowing plume of a stem. A single plant may throw 30 or more of these great, bright plumes. Effective over a three to four-month period. A good house plant, too. Pkt. 20c.

## DAHLBERG DAISY or GOLDEN FLEECE

**309B** 6 in. Sheets of aromatic gold for more than four months. No annual more profuse or continuous in bloom. By far the best edging or low bedding annual in bright yellow. Pkt. 25c.

## DATURA (TRUMPET IN TRUMPET)

**305B** 36 in. Double, ruffled, creamy yellow flowers, freely produced. Pkt. 15c; 2 pkts. 25c.

## DIANTHUS, HIGHLAND HYBRIDS

**311A** Magnificent strain of large-flowered hardy Pinks. Vivid colors, rich in varied shades of pink and rose. Pkts. 15c and 25c.

## CHRYSANTHEMUMS ARCTIC HYBRIDS

**321A** Flower first season and live for years. Big, single flowers in richly varied colorings. Free blooming, extremely hardy. Pkt. 25c; 3 pkts. 70c.

**322B** **OLD ORCHARD GLORIES.** Particularly good. Colorful and varied. All colors; single and double. Pkt. 25c; 3 pkts. 70c.

**322C** **GOLD WINGS.** 30 in. Long-blooming, single showy flowers of glistening yellow. Annual. Pkt. 15c; 2 pkts. 25c.

## STRAWBERRIES FROM SEED

**311B** **RUNNERLESS HARZLAND.** Compact plants bearing medium-size, aromatic, sweet berries all through the growing season. Sow seed very early. Will bear by August and next spring they will bear from June to frost. Pkt. 25c; 3 pkts. 70c; 5 pkts. \$1.00.

## HOUSE PLANTS

**309A** Surprise after surprise awaits you after planting these fascinating seeds. Pkt. 25c.

## IRIS AVALON BLEND

**316B** Includes at least a little of every Iris that our grower has in seed form, of course not in equal amounts, for some kinds are too scarce and rare for that. Nevertheless we doubt that any other Iris blend, anywhere, any time, has equaled this in quality. Pkt. 25c.

## JOHNNY-JUMP-UPS

**310A** **DAWSIDE STRAIN.** Wide range of color variation. Stands summer heat. Treat as annual. Pkt. 15c; 2 pkts. 25c.

## LILIUM FORMOSUM

**316C** The earliest Lily. White with rosy suffusion. Sow early; sometimes blooms first season. Pkt. 25c; 3 pkts. 70c.

## SPECIAL LILY BLEND

**316A** Includes seeds of not less than 20 distinct kinds of good hardy Lilies, but there are likely to be many more than that. Pkt. 25c; 3 pkts. 70c.

## HARDY BORDER BLEND (PEERLESS BLEND)

**315B** Various kinds of taller flowers suitable for the mixed hardy border; at least 100 distinct sorts. Includes many unusual perennials not yet generally known. Pkt. 25c; 3 pkts. 70c.

## MARIGOLD

**315A** **LIMELIGHT.** African. The lightest Marigold. 20 in. Pale, creamy primrose; very double; petals incurved. Pkt. 15c; 2 pkts. 25c.

## MORNING-GLORY

**106** **DARLING.** Brighter and larger than Scarlett O'Hara. Rose-cerise with pure white throat. Vigorous grower; early flowering. A good companion for Heavenly Blue and Pearly Gates. Pkt. 25c.

## NIEREMBERGIA

**110A** **PURPLE ROBE.** Blue Cup-Flower of the Andes. Can be grown in pots, window-boxes, or as edger. Deep violet-purple, cupped flowers. 8 to 10 inches high. Start seeds early. Pkt. 25c.

## PRIMULA AVALON BLEND

**314B** About as fine and diversified a mixture of hardy Primulas for the rock-garden as could be made up. Includes seeds of many varieties. Pkt. 25c.

## THE BABY SALVIA MYCROPHYLLA

**312A** A rare Mexican species. The smallest and most compact of Salvias. 16 in. The plants are shaped like the upper half of an hour-glass, with olive-green foliage. The flowers are carmine suffused coral-rose; very lovely. Pkt. 25c; 3 pkts. 70c.

## SOLANUM INTEGRIFOLIUM (SCARLET LOVEAPPLE)

**312B** This ornamental annual freely bears fruits of brightest scarlet, each about 2 inches through. May be cut for decorative use during the summer or dried for winter bouquets. Pkt. 15c.



# VEGETABLE PLANTING CHART

ATTENTION! (READ STRAIGHT ACROSS)



NAME	Seed Required for 50 ft. Row	Time to Start Seed in Hotbed or Greenhouse	Time to Transplant Seedlings to Garden	Time to Sow Seed in Open Garden	Rows Apart (Feet)	Plants Apart in Row (Inches)	Depth of Planting (Inches)
Beans, Bush.....	1 pt.	February	April	April-May	1½-2	4	1½
Beans, Pole.....	½ pt.			May	4	36	1½-2
Beans, Lima, Bush.....	½ pt.			May 15	1½-2	4	1½-2
Beans, Lima, Pole.....	½ pt.			May 15	4	36	1½-2
Beets, Early.....	1 oz.			April	1½	4	½
Beets, Late.....	1 oz.			June-July	1½	4	½
Carrot, Early.....	½ oz.			April	1½-2	2-4	½
Carrot, Late.....	½ oz.			July-Aug.	1½-2	2-4	½
Chard, Swiss.....	1 oz.			April	1½	6-8	¾
Cress.....				April-May	1-1½	2-3	½
Dill.....		Feb.-Mar.	April 15	April	1½	4-6	½
Endive.....	¼ oz.			April	1-1½	8-12	½
Lettuce.....	¼ oz.			April	1½-2	8-12	½
Mustard.....	1 oz.			April	1½-2	8-10	½
Onions, Sets.....	1 qt.			April	1-1½	2-3	½
Peas.....	½ pt.			April	6-8	6	2
Potato, Early.....	4-5 lbs.			April	Double Row	6-8	4
Radish.....	½ oz.			April	1½-2	1-3	½

## ALL SEASON

Artichoke, Jerusalem.....	4-5 lbs.	March Feb.-Mar.	May May	April	3-4	24-36	4
Broccoli.....	¼ oz.			April-May	2½-3	24	½-1
Brussels Sprouts.....	¼ oz.			April	2½-3	18-24	½
Cabbage, Early.....	¼ oz.			April	2-3	24	½
Cabbage, Late.....	¼ oz.			May	2-3	24	½
Cabbage, Savoy.....	¼ oz.			May	2-3	24	½
Cardoon.....	¼ oz.			May	3	18	½
Cauliflower.....	¼ oz.			May	2-3	15	½
Celeriac.....	¼ oz.			March	2	9	¼
Celery.....	¼ oz.			May-June	2-3	6-8	¼
Chicory.....		Feb.-Mar.	May	April	1-2	10-12	½
Collards.....	¼ oz.			May	3	24-36	½
Corn, Sweet.....	½ pt.			May	3	24-36	1
Cucumbers.....	½ oz.			May-June	3-4	36-48	1
Eggplant.....	¼ oz.			May	3	24	½
Kale (see Broccoli above)							
Kohlrabi.....	¼ oz.			April	1½-2	8-12	½
Leek.....	½ oz.			April	1½-2	4-6	½
Muskmelon.....	¼ oz.			May	3-4	36-48	1
Okra.....	1 oz.			June	3	12	½
Parsley.....	½ oz.	Feb.-Mar.	May	April	1	4-6	½
Parsnip.....	¼ oz.			April	1½	4	½
Peppers.....	¼ oz.			May	2	24	½
Potato, Late.....	4-5 lbs.			May-June	3	6-8	4
Pumpkins.....	½ oz.			May	4-5	36-48	1
Rutabaga.....	½ oz.			April	2½	8-12	½
Salsify.....	1 oz.			April	1½	4	½
Spinach.....	1 oz.			April	1-1½	6	½
Spinach, New Zealand.....	¼ oz.			May	3	12-18	½
Squash.....	½ oz.			May-June	4-5	48-60	½
Sweet Potato.....	50 roots	March March	May-June May	May	3-5	14	3-4
Tomato.....	¼ oz.			May	2½-3	30-36	½
Turnip.....	½ oz.			April	1½-2	3-4	½
Watermelon.....	1 oz.			May	8-10	80-90	1

## PERENNIAL

Artichoke, Globe.....	½ oz.	Feb.-Mar.	May		3-4	24	½
Asparagus.....	40 plants			April	1½-3	14	4-5
Dandelion.....	½ oz.			May	1½	8-10	½
Horseradish.....	50 roots			April	2	8-12	2
Rhubarb.....	25 roots			May	2½-3	24	¾

By Permission of the American Fork & Hoe Co., Cleveland, Ohio

# VEGETABLE PLANTING CHART

ATTENTION! (READ STRAIGHT ACROSS)

Degree of Hardiness	Successive Planting (Days Apart)	Days to Mature	IMPORTANT SUGGESTIONS
Tender	14 days to July	60	<p>Early plantings can be followed by Fall vegetables.                      Longer bearing than above. Use poles 6-8 ft. long, plant 6 seeds per pole and later thin [to three].                      Cultivate as for Bush Snap Beans above.                      Plant and thin as for Pole Snap Beans above.                      Late plantings for Winter use should use turnip varieties.                      Before freezing, dig and store in cellar or pit.                      Hoe deeply and frequently—keep clean of weeds.                      Give plenty of water and keep soil well cultivated.                      Can replant until September for Fall and Winter use.                      Easily grown in Winter in greenhouse, hotbed or window box.</p>
Very Tender	Season	60	
Very Tender	10 days to July	60	
Very Tender	Season		
Hardy	14 days	40-70	
Hardy		90	
Hardy	14 days	100	
Hardy		120	
Hardy	20-30 days	60-70	
Hardy	14 days to Sept.	35	
Tender	Fall use in June	100-120	<p>Tie outer leaves over center bud when 6 to 8 inches long.                      Fertilize heavily—plant on rich soil and supply abundant moisture.                      Can be grown in window boxes in Spring.                      Till top soil frequently and keep free of weeds.                      Do best in cool weather, so plant as early as possible.</p>
Hardy	August	70-90	
Tender	7 days	30-40	
Hardy	14 days	50-60	
Hardy	7-14 days	60	
Hardy	June for Fall	90	
Hardy	7-10 days	30	

## PLANTS

Tender	14 days	5-6 mos.	<p>Plant 3 or 4 small tubers in a hill.                      Winter crop may be started in May.                      When small sprouts begin to appear—cut large leaves off to favor sprouts.                      Fertilize and cultivate freely—hill up slightly as growth progresses.                      Leaves bunched for blanching in early Fall.                      Never allow plants to become checked in growth.                      Blanching not required—roots remain in ground until wanted.                      See "Vegetable Guide" for information on blanching.                      Then raised and transplanted in trench and covered with manure—after 4 to 5 weeks [ready for use].</p>
Hardy		4-5 mos.	
Hardy		5-6 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Tender		5-6 mos.	
Tender		4-5 mos.	
Hardy		5-6 mos.	
Hardy		5-6 mos.	
Hardy		6-7 mos.	
Hardy	June 10 days to June*	3-4 mos.	<p>Stands hot weather better than cabbage or kale. Grown widely in Southern States.                      Deep soil and frequent cultivation makes best crop.                      Plant in low hills for perfect drainage while young.                      Grow best in well-drained, warm soil.</p>
Tender		2-3 mos.	
Tender		2-3 mos.	
Tender		4-5 mos.	
Hardy	June May-June	2½-3 mos.	<p>Quite hardy and does well where cauliflower cannot be grown.                      Plant in open furrow 5 or 6 inches deep—draw in earth as plants grow to level of garden.                      Plant in hills, 10 to 12 seeds, thin to 4 plants.                      Requires frequent cultivation until plants cover the ground.                      Seed germinate very slowly—mark rows with radish seeds.                      Better flavored if subjected to early frosts.                      Top-dress soil between rows when plants 6 inches high.                      Dig before hard freezing.                      Plant on hills and cultivate as for cucumbers.                      Pull roots before freezing, cut off tops and store in cellar.                      Dig roots in Fall or Winter as required.                      Apply nitrate of soda between rows to stimulate growth.                      Soak seed 2 hours in hot water.                      Winter squash may be planted later and stored for use in moderately warm, dry place                      Dig when vines have been killed by frost.                      Protect from frost when first set out in garden.                      Crowding or weeds make poorly flavored roots.                      Top-dress with fertilizer high in nitrogen and potash.</p>
Very Hardy		3-4 mos.	
Tender		3-4 mos.	
Tender		3 mos.	
Hardy		3-4 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Tender		4-5 mos.	
Hardy		4-5 mos.	
Hardy		4-5 mos.	
Hardy		3 mos.	
Hardy		3-4 mos.	
Very Tender		2-4 mos.	
Tender		5-6 mos.	
Tender		4-5 mos.	
Hardy		2-3 mos.	
Tender	June June-July	4-5 mos.	

## PLANTS

Hardy		Aug.-Sept.	<p>If crowns get too large after two or three years—divide and reset.                      In northern states mulch asparagus to prevent heaving of the roots during Winter.                      Blanch by covering with straw or leaves.                      Tends to become rank weed—cultivate closely and root out volunteers.                      Keep blossom stalks cut back—flowers and seed exhaust plant.</p>
Hardy		May-June	
Hardy		Sept. (1st. yr.)	
Hardy		2d Spring	

# ◆ The Vegetable Gardens of America ◆

**V**EGETABLES have a natural preference for soils of varying degrees of acidity and alkalinity. We want to help our customers with this problem by indicating after the cultural directions for each vegetable the kind of soil suitable for best results. Key A stands for alkaline; B for slightly alkaline; C for neutral and D for slightly acid.

Soil is really the controlling factor in your whole garden operation. No matter how well seeds are planted, if the soil does not contain approximately the correct amount of plant food in approximately the right proportions, the labor will be lost. Soil test kits will not give you all the answers about soil, but they will tell you more about it in ten minutes than you can guess in a lifetime.

## The Sudbury Soil Test Kit

**Acid-Alkaline Kit.** \$1.00, postpaid \$1.12.

**Home Garden Kit.** \$2.50, postpaid \$2.65.

**New Club Model.** \$4.75, postpaid \$4.90.

**The Horticultural Kit.** \$12.50, postpaid \$12.75.

**DeLuxe Model.** \$27.50, postpaid \$27.90.

**Testing Fluid** for refill. Specify element—Lime, Nitrogen, Phosphorus or Potash. 2 ozs. \$1.00, postpaid \$1.10; 6 ozs. \$2.00, postpaid \$2.10; ½oz. 40c, postpaid 50c.

## Garden Guide

By 28 Authorities. 576 pages; over 300 illustrations. Seventh Edition \$3.50, postpaid \$3.65

One of the most practical and informative garden books ever published for the average home owner. Every phase of gardening in connection with the home grounds is covered—from the location of the house to the final reaping of the gardener's reward in perfect flowers, fruits, vegetables, a fine lawn, shrubs and trees. Its pages also include every related subject the gardener should be informed upon: insects, diseases, bees, birds, fish, etc.

## 1001 Garden Questions Answered

By Alfred C. Hottes. 3d Edition. 388 pages; 160 illus. \$3.00, postpaid \$3.15.

## Broccoli *Sow 1 ounce of seed to 200 feet of row*

A plant much resembling cauliflower but requires a longer season to develop, has more numerous and stiffer leaves, and heads are smaller. Treat same as cabbage. *Soil A. Vitamins A, B, C, G.*

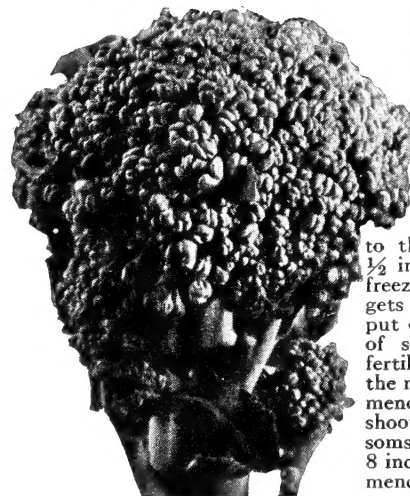
**DeCicco Strain.** This is the Broccoli which is served in first-class restaurants and hotels and is becoming popular on the family table. Cooked and served like cauliflower, it has a delicious flavor and is highly praised by epicures. Pkt. 10c; oz. 25c; ¼lb. 90c; lb. \$3.00.

**CULTURE.** Sow seed in open ground April 1. Set plants out May 15 to June, like late cabbage, 90 days.

**CALABRESE PLANTS.** See page 25.

**Rapa or Italian Salad.** 100 days. Pkt. 10c; oz. 15c; ¼lb. 35c; lb. \$1.25.

**CULTURE.** Sow about middle of August, in rows 32 inches apart, well fertilized, using 2 pounds of seed to the acre, covering the seed ½ inch. Cultivate twice before freezing weather. As soon as it gets a little warm in February, put on a top-dressing of nitrate of soda or some quick-acting fertilizer, and cultivate. About the middle of March it will commence to stalk up, with several shoots per stalk, with green blossoms. When stalks are about 8 inches high, cutting may commence. Served like asparagus or greens, it makes a delicious and wholesome dish.



Calabrese Broccoli

## VEGETABLE SEEDS ARE SALES TAX EXEMPT

Vegetable Gardening is a profitable and pleasurable occupation. There is no food in all the world that can compare with the fresh vegetables from your own garden. Our prices are the lowest, consistent with the production of quality seeds.

**ARTICHOKE SEEDS, Globe.** Pkt. 15c.; ½oz. 75c.

## Asparagus, Seeds and Roots

Roots ready after March 1

*Sow 1 ounce of seed to 40 feet of drill; 5 pounds per acre. 7,300 Asparagus Plants are needed to plant an acre*

**CULTURE.** Sow seed as early in spring as soil can be worked, in drills 1 foot apart, and, when well started, thin out to 3 inches apart. When 1 to 2 years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 1½ feet. Set plants in rows 3 feet apart, not less than 1½ feet apart in the row. See that roots are well spread and set at a depth of 6 inches below level of bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down, apply a dressing of coarse manure, and in the spring, fork it in. An occasional top-dressing of salt at the rate of one-half pound per square yard is also beneficial. *Soil A. Vitamins A, B, C, G.*

**Mary Washington.** This Asparagus, selected by the U. S. Department of Agriculture, Washington, D. C., has proved to be nearly rust-free. The shoots are thick, heavy, long, straight, rich dark green, with closely folded tips tinted darker. An early, heavy yielder. Shoots of exceptionally fine flavor. Pkt. 10c; oz. 20c; ¼lb. 50c; lb. \$1.50.

**ASPARAGUS ROOTS, Two-Year-Old.** See page 25.

## Accessories for Asparagus Culture

**Asparagus Buncher.** Even where one has a limited amount of Asparagus to market it pays to use a Buncher. The Asparagus is quickly tied and looks uniform. With knife-guard, \$5.50. Parcel Post weight, 8 pounds.

**Asparagus Knife, No. 2500.** V-shaped blade. 65c, postpaid 80c.

**Asparagus Salt.** Apply in the spring, 600 to 800 pounds per acre. For destroying weeds. 10 lbs. 35c; 50 lbs. \$1.35; 100 lbs. \$2.25.

**Raffia.** The ideal material for tying Asparagus. Hanks (about 1 lb.) 75c; 5 lbs. at 65c per lb.

**Jute Twine.** Very soft and pliable; two or three ply. Ball 50c, postpaid 62c. Special price in quantities on application.

**Red Tape** for tying Asparagus.

**No. 17.** 1000 yds. \$3.25, postpaid \$3.40.

Prices subject to change

## Brussels Sprouts

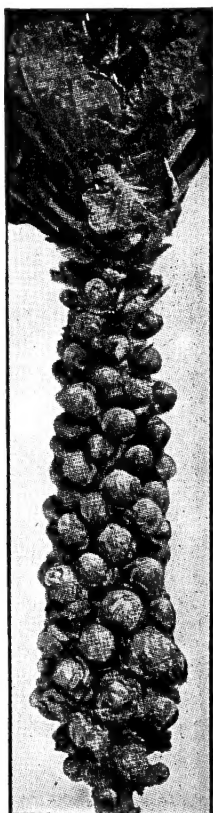
A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, cooked in the same way as cauliflower. Sow seed, about the middle of May, in a seed-bed, and set the plants afterwards in rows 2 feet or more apart; cultivate like cabbage. 100 days. *Soil A. Vitamins A, B, C.*

**Improved Dwarf.** Produces compact sprouts of finest quality. A good keeper. Pkt. 10c; oz. 50c; ¼lb. \$1.50; lb. \$5.00.

**BRUSSELS SPROUTS PLANTS.** See page 25. Brussels Sprouts



Asparagus



**WE PAY POSTAGE ON ALL PACKETS, OUNCES, AND ¼ POUNDS OF SEEDS. FOR LARGER QUANTITIES, CONSULT CHART ON PAGE 1**

**ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE**



# BEANS

All Beans weigh 60 pounds per bushel

If Beans are to be sent by Parcel Post, add 12c per pt.; 15c per qt.; 27c per 1/2pk.; 41c per pk.; \$1.31 per bus. This applies to 1st and 2d zones only. Packets sent postpaid.

## Bush, Green-podded

Sow 1 quart of seed to 100 feet of drill;  
2 bushels to an acre

**CULTURE.** Seed should not be planted before ground becomes light and warm, in favorable seasons usually about the middle of April to first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills, and covered about 2 inches deep. Successive sowings made at intervals of about 2 weeks until August 15, will give a plentiful supply of Beans all season. About 55 days. Soil C. Vitamins B, C, G.

**Asgrow Black Valentine.** Its long, straight, oval pods are of good color and texture and are completely stringless.

**Bountiful.** This variety has been known to bear 1 bushel of pods per 15-foot row in the course of the season. Pods average 6 inches long by 3/4 inch wide, are thick through, of pleasing light green color, very brittle, and absolutely stringless at all stages of development.

**Burpee's Stringless Green-Pod.** An ideal variety having round, slightly curved, fleshy, and exceedingly tender pods. Matures a few days earlier than the Giant sort.

**Dwarf Horticultural or Cherry.** This broad, long, flat, meaty Bean is very productive, of delicious flavor and absolutely stringless. It also makes a good dried Bean for winter.

**Full Measure.** Heavy, light green foliage. Very prolific. Pods 5 1/2 to 6 inches long, stringless, round, slightly curved, of very good quality.

**GIANT STRINGLESS GREEN-POD.** Large, handsome pods of finest quality, some fully 6 inches long; very fleshy and entirely stringless. Very productive. Specially adapted to the home-garden.

**Plentiful.** Black-seeded Bountiful.

**Longgreen.** A new stringless variety. Pods are round, straight, dark green, 7 inches long. Time to maturity, 56 days.

**Red Valentine.** Now stringless old standby; round, slightly curved pods.

## Green-podded, continued (also page 8)

**Streamliner.** Ready to pick in about 50 days. This tender semi-flat pod Bean, averaging 7 to 8 inches long, bears white seed. The long pods are stringless, brittle and deliciously flavored.

**Supergreen.** Stringless pods 6 to 7 inches long, slim, smooth, dark green and stringless in all stages. Matures in 58 days.

**New Stringless Green-Pod or Tendergreen.** Fifty-six days from planting to eating stage. Pods are 5 1/2 to 6 1/2 inches long, nearly straight, round, absolutely stringless and fiberless, fleshy, and smooth.

## Shell Beans for Winter Use

60 days

**Red Kidney Beans.** Bearing 6 to 7-inch, flat pods, containing 3 to 6 red kidney-shaped Beans. Used almost exclusively for baking and soup.

**White Marrowfat.** Planted almost exclusively for winter use, making large white, kidney-shaped Beans.

**White Navy or Boston Pea Beans.** Yields large quantities of white Shell Beans which are used for baking.

## Bush, Yellow or Wax-podded

48 days

**Bountiful Wax.** Handsome, long, flat yellow pods. Profuse bearer.

**Improved Golden Wax.** Small plants of erect growth, bearing flat, thick pods about 5 inches in length and of excellent quality. An early and reliable variety.

**SURE-CROP STRINGLESS WAX.** This is a grand Bean. Absolutely stringless and a great rust-resister. Will produce an abundance of long, yellow, flat pods. A profitable market variety and one of the best for the home-garden.

**Round-Pod Kidney Wax.** Vines 15 inches high. Pods are 5 inches long, round, slightly curved, stringless and deep yellow.



Longgreen Beans

## Pole String Beans

Green- and Wax-Podded

**CULTURE.** Same as Pole Lima. 70 days.

**English Broad Windsor or Fava.** Stalks tall, slender; pods green, hairy, 5 to 6 inches long, containing 4 to 6 Beans. Green shell Beans, large, flat, light green. Dry seed large, circular, flat, reddish brown with black eye. Will stand freezing and should be planted early.

**Horticultural or Pole Cherry.** Pods green, dashed with red when Beans are matured:

**Kentucky Wonder or Old Homestead.** It grows luxuriantly and bears for a long period. Pods are very long, very fleshy and deeply creased or saddle backed, green in color and stringless. Seed light brown.

**Lazy Wife or White Cherry.** Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a Snap Bean; also a good white Shell Bean for winter. One of the very finest flavored.

**KENTUCKY WONDER WAX.** Same as Kentucky Wonder with exception of beautiful yellow pods.

**Yard-Long or Snake Beans.** Produces dark green foliage and stringless green pods, often 2 to 3 feet long.

## Edible Soy Bean

Plant May 15, using Nitragin—a 15c package is enough for several quarts of seed.

Use the Beans in their green state; pour boiling water over them, then drain off and they shell very readily. If dry Beans are wanted, let them stand until the leaves drop. Soil C.

**Bansei.** This variety has produced excellent crops in different sections of the country. Green or dry, the Beans are delicious, and an excellent source of vitamins A, B and G. The plants grow 24 inches high, and are covered with pods. They do not require support. Beans are ready for use from 100 to 110 days from sowing.

## WRITE FOR PRICES ON LARGER QUANTITIES

	Pkt.	Pt.	Qt.	1/2pk.	Pk.
	All bus. prices on request				
					(15 lbs.)
<b>BEANS, BUSH, Green-podded</b>					
Burpee's Stringless Green-Pod.....	\$0 10	\$0 40	\$0 75	\$2 50	\$4 50
Giant Stringless Green-Pod.....	10	40	75	2 50	4 50
Bountiful.....	10	40	75	2 50	4 50
Plentiful.....	10	40	75	2 50	4 50
Full Measure.....	10	45	80	2 75	5 00
Asgrow Black Valentine.....	10	40	75	2 50	4 50
New Stringless Green-Pod (Tendergreen).....	10	45	80	2 75	5 00
Dwarf Horticultural (Cherry).....	10	55	1 00	3 00	5 50
Streamliner.....	10	45	80	2 75	5 00
Longgreen.....	10	45	80	2 75	5 00
Red Valentine.....	10	45	80	2 75	5 00
Supergreen.....	10	55	1 00	3 00	5 50
<b>BEANS, SHELL</b>					
White Navy (Boston Pea Bean).....	10	35	65	2 25	4 00
White Marrowfat.....	10	35	65	2 25	4 00
Red Kidney Beans.....	10	35	65	2 25	4 00
Edible Soy Bean.....	10	35	65	2 25	4 00
<b>BEANS, BUSH, Yellow or Wax-podded</b>					
Sure-Crop Stringless Wax.....	10	40	75	2 50	4 50
Bountiful.....	10	40	75	2 50	4 50
Improved Golden Wax.....	10	40	75	2 50	4 50
Round-Pod Kidney Wax.....	10	50	90	3 25	6 00
<b>BEANS, POLE STRING</b>					
Kentucky Wonder Wax.....	10	60	1 15	3 75	7 00
Lazy Wife or White Cherry.....	10	50	90	2 75	5 00
Kentucky Wonder (Old Homestead).....	10	50	90	2 75	5 00
Horticultural (Pole Cherry).....	10	50	90	2 75	5 00
Yard-Long (Snake Beans)..... Oz. 25c..	10				
English Broad Windsor or Fava.....	10	50	90		

WHEN PLANTING SNAP AND LIMA BEANS AND PEAS IT IS IMPORTANT TO USE INOCULATING BACTERIA. SEE PAGE 27.

## Inoculation of Legumes Insures Success



Cherokee Wax Beans

### Cherokee Wax

A wax strain of Asgrow Black Valentine. It is in the same season and has an oval pod and the same ruggedness and productiveness. One of the outstanding characteristics of the variety is the ease with which the Beans can be picked, because it seems that the pods all hang on the outside of the plant. Plant large and erect; pods golden wax, oval, nearly straight, stringless at all stages, tender and of good quality. The most prolific wax-podded variety, equal in yield to the best green-podded types.

FOR A BUMPER CROP USE NITRAGIN ON ALL BEANS  
SEE PAGE 27



Topcrop Beans

WRITE  
FOR  
PRICES  
ON  
LARGER  
QUANTITIES



←  
A Basket  
of Topcrop  
Beans

### Topcrop

Outstanding for its versatility in the home garden, local market garden and with the commercial processor. An early-maturing Bean ready for picking in 51 days or normally two to three days earlier than Tendergreen.

Bush-type plant 15 to 16 inches tall, with rather wide spread, developing a strong frame, giving it a distinct ruggedness. Rich, medium dark green foliage. Outstanding for its productiveness. Pods  $5\frac{1}{2}$  to 6 inches long, round, stringless, very attractive, medium light green. Notably straight to very slight curve, with excellent tenderness. Meaty pods, holding the edible stage well after pod has developed to large size.

### Contender

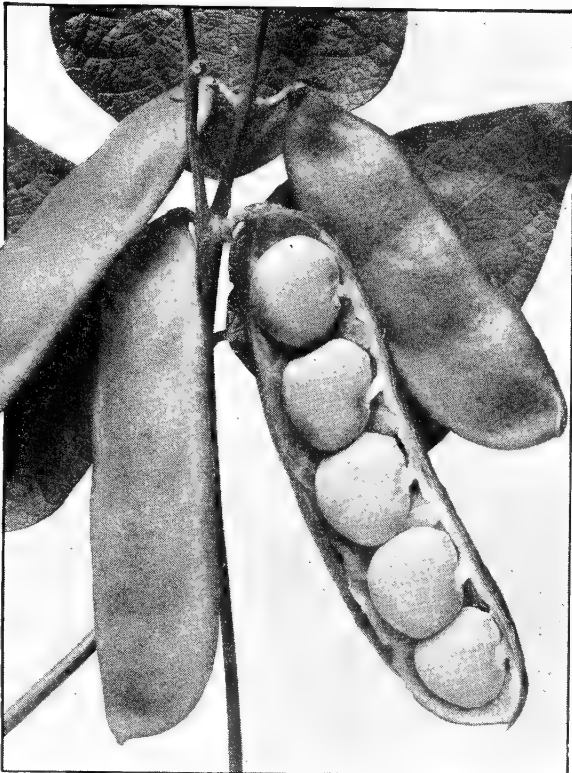
Resistant to common Bean mosaic and has shown considerable resistance to powdery mildew. It shows fine possibilities for market gardeners and shippers and seems to be well adapted to a wide range of climatic conditions, possessing heat tolerance that may well establish it as an excellent variety for summer and fall plantings. Plant of spreading appearance, 15 to 16 inches tall. Pods are slightly longer than Black Valentine Stringless although thicker and heavier and almost round in the young market stage. They are stringless, with less fibre than Black Valentine Stringless, and therefore, have more tendency to curve.



Contender Beans

#### BEANS, BUSH, Green and Wax-podded

	Pkt.	Pt.	Qt.	$\frac{1}{2}$ pk.	Pk.
	All bus. prices on request				
					(15 lbs.)
Contender.....	\$0 10	\$0 40	\$0 75	\$2 50	\$4 50
Topcrop.....	10	40	75	2 50	4 50
Cherokee Wax.....	10	45	80	2 75	5 00



Fordhook Bush Lima Beans

## Bush Lima Beans

Sow 1 quart of seed to 100 feet of drill

**CULTURE.** Seed 2 inches apart or plant in rows 2 feet apart and make hills 1 foot apart in the rows. About 75 days. Soil C. Vitamins A, B, C, G.

**Burpee's Improved.** Bears an abundance of thick, kidney-shaped Beans.

**Fordhook.** Everybody loves these delicious thick, roundish Beans of just the right shade of green. The sturdy bushes bear the pods in clusters of 4 to 6, the pods averaging 4 large Beans each.

**Henderson's Dwarf.** Popular Baby Lima. Its flavor is excellent.

**FOR A BUMPER CROP, USE NITRAGIN ON ALL BEANS.** See page 27.

## BUSH LIMA BEANS

### PEERLESS (U. S. 243).

A dwarf Fordhook type introduced for 1948 by the U. S. Dept. of Agriculture, developed from a cross of Fordhook and Henderson's Bush. Small plant. Gray-green foliage; pods similar to Fordhook. Seeds about half-way in shape and size between Henderson and Fordhook. Excellent for freezing.

**Fordhook 242.** Similar to the regular Fordhook, but more open in growth; pods shorter, curved, containing 3 to 4 slightly smaller Beans, but of same quality and color. Superior under adverse growing conditions. Will not displace regular Fordhooks.

**Baby Fordhook.** Matures in about 70 days. Stocky bush; big root system; bears green-seeded, thick potato type Limas. Stands cold and wet, also extreme heat. Very prolific.

## Pole Lima

Sow 1 quart of seed to 100 poles

**CULTURE.** These require poles 8 to 10 feet long. Set poles 4 feet apart each way, and plant 4 to 6 Beans, 1 inch deep, around each pole. Thin to three plants to a pole. 90 days. Soil C.

**Carpinteria.** Large pods filled with plump, thin-skinned, tender, fine-flavored Beans.

**Dreer's Improved Challenger or Potato Lima.** Beans round and thick, of delicious flavor, easy to shell. Immense cropper.

**Early Leviathan.** The earliest large Pole Lima. Very productive.

**King of the Garden.** Vigorous grower, bearing large pods, 5 to 8 inches long. Beans large and of rich flavor.

**GIANT-PODDED.** The largest of all Pole Limas. Pods 7 to 8 1/4 inches long and 1 1/2 inches wide. The Beans are extra large and of superb flavor. Vines 10 to 12 feet high. The pods are produced in clusters of from 4 to 8 until killed by frost.

**Sieva or Small White Lima.** Butter Bean. Early and productive; a great drought resister but juicy and of fine flavor.

## BEETS, TABLE

Sow 1 ounce of seed to 60 feet of drill; 5 pounds to an acre in drills

**CULTURE.** Beets like rather light soil provided it is thoroughly mixed with manure. For main crop sow in the spring as soon as ground becomes fit to work, in drills 1 1/2 feet apart and 1 inch deep. For winter use sow as late as July. Thin out to stand 5 to 6 inches apart. About 60 days. Soil A. Vitamins B, C, G.

**TALL TOP BUNCHING.** This splendid Beet is nearly a perfect globe, about 10 inches around, with smooth skin free from rootlets; the flesh is a rich blood-red, nicely ringed, never stringy and always tender and sweet. Excellent for canning.

**PERFECTION DETROIT DARK RED.** The ideal Beet for market gardeners. It is the darkest red and most uniform Beet ever introduced. Just the right size top for bunching and will run better than 99 per cent, extremely dark red in color without visible zones.

**Crosby's Improved Egyptian.** Very desirable. Fine for early market.

**Detroit Dark Red.** A fine early variety with globe-shaped roots of brilliant red.

**Early Wonder.** A very early dark red Beet similar to Crosby's Egyptian in shape. It is sweet and tender and a good variety for the home-garden.

**Extra-Early Eclipse.** Round root. Small top.

**Early Blood Turnip.** Old standby.

## Cow Beets - Mangel-Wurzels

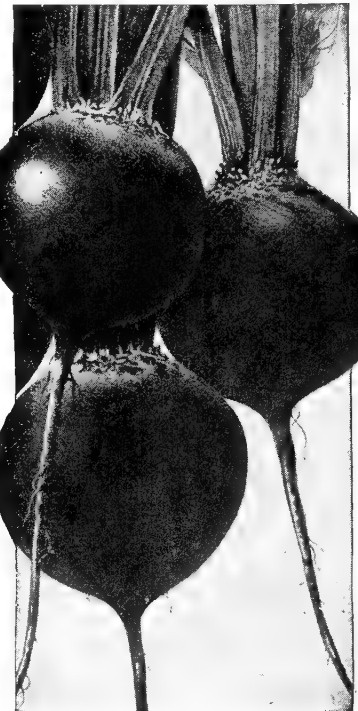
Used for feeding cattle. Sow 5 pounds per acre

**CULTURE.** Sow in April and May in thoroughly plowed, well-manured soil, in drills 2 inches deep and about 18 inches apart. Thin out to 12 inches. Low ground is best adapted for Mangel-Wurzels. 100 days. Soil A.

**Golden Tankard.** Large, yellow, excellent.

**Mammoth Long Red.** Immense; long; red.

**WE PAY POSTAGE ON ALL PACKETS, OUNCES, AND 1/4 POUNDS OF SEEDS.**



Perfection Detroit Dark Red Beets

BEANS, BUSH LIMA	Pkt.	Pt.	Oz.	1/2pk.	Pk.
Fordhook.....	\$0 10	\$0 50	\$0 90	\$2 75	\$5 00
Fordhook 242.....	10	50	90	2 75	5 00
Peerless (U. S. 243).....	10	50	90	2 75	5 00
Burpee's Improved.....	10	50	90	2 75	5 00
Henderson's Dwarf.....	10	40	75	2 50	4 50
Baby Fordhook.....	10	50	90	2 75	5 00
BEANS, POLE LIMA					
Carpinteria.....	10	45	80	2 50	4 50
Early Leviathan.....	10	45	80	2 50	4 50
King of the Garden.....	10	45	80	2 50	4 50
Sieva (Small White Lima).....	10	35	65	2 25	4 00
Giant-podded.....	10	45	80	2 50	4 50
Dreer's Improved Challenger (Potato Lima).....	10	45	80	2 50	4 50
BEETS, COW (Mangel-Wurzel)	Oz.	1/4lb.	Lb.		
Mammoth Long Red.....	\$0 15	\$0 35	\$1 10		
Golden Tankard.....	15	35	1 10		
BEETS, TABLE	Pkt.	Oz.	1/4lb.	Lb.	
Perfection Detroit Dark Red.....	\$0 10	\$0 15	\$0 50	\$1 50	
Tall Top Bunching.....	10	15	50	1 50	
Detroit Dark Red.....	10	15	50	1 50	
Early Wonder.....	10	15	50	1 50	
Crosby's Improved Egyptian.....	10	15	50	1 50	
Extra-Early Eclipse.....	10	15	50	1 50	
Early Blood Turnip.....	10	15	50	1 50	

Larger quantities quoted on request. All Beans weigh 60 lbs. per bus.



## CARROT

Sow 1 ounce of seed to 100 feet of row;  
2 or 3 pounds to an acre

**CULTURE.** Good crops may be obtained from ordinary garden soil. For early use, seed may be sown in hotbeds from January until March, and in the open ground as soon as the weather becomes warm and settled, usually in April. Sow seed ½ inch deep, in rows 15 inches apart, and later thin to 5 inches apart in the rows. Sow from July 1 to 15 for winter crops. 65 days. Soil A. Vitamins A, B, C, G.

**California Bunching.** Tops small; roots bright orange, 8 inches long, and almost cylindrical.

**Chantenay.** Regular stock.

**Danvers or Half-Long Orange.** Owing to its enormous yield, this is one of the most profitable for main crop. It is somewhat longer than Chantenay.

**Improved Long Orange.** Eleven to 12 inches long, 2¾ inches in diameter, tapered to a point; deep orange. Heavy yielder.

**CHANTENAY LONG TYPE.** An exceptionally valuable variety for market gardeners. The color is appealing, rich deep solid orange throughout. Roots are 7 to 8 inches long, tapering slightly. Tops just long enough to bunch well. Very prolific, brittle, tender; sweet delicate flavor.

**Streamlined.** Roots long, slender, cylindrical. Flesh rich orange, indistinct core, fine-grained, tender, and of excellent quality.

**Nantes.** Six to 7 inches long and 1¼ inches in diameter; stump rooted, orange throughout. Fine quality.

**Oxheart or Guerande.** A short, thick Carrot not exceeding 4 inches in length, and about the same in width, which does quite well on hard, heavy soils.

**Red-cored Chantenay.** A little more stump-rooted than its famous parent, Chantenay. Deep orange-red core.

## CORN SALAD

Sow 3 ounces of seed to 100 feet of row

**CULTURE.** Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Will do well if sown in spring. 45 days. Vitamins A, B, C, G.



Chantenay Carrots

## CELERY

One ounce of seed will produce  
about 2000 plants

**CULTURE.** Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 to 6 inches high, transplant 6 inches apart in the rows. Blanch by earthing up. 125 days. Soil A. Vitamins A, B, C.

**Easy Blanching.** For early use. As self-blanching as White Plume, and simply needs a slight earthing up.

**Cornell 19.** Early, vigorous, self-blanching, and resistant to fusarium yellows. Plant 20 to 23 inches tall, with thick heart and rounded, fairly smooth, fleshy stalks. Combines the high quality of Utah with the self-blanching characteristics of Golden Self-blanching. Highly recommended as a main-crop variety for all Celery-growing regions and as a midwinter crop in Florida. 120 days.

**Giant Pascal.** Fancy green. Thick, solid, heavy stalk and a large heart. It is a close, compact grower, and when blanched is a creamy white color.

**Golden Heart.** A showy sort. Solid, of fine flavor, and a good keeper.

**Golden Self-blanching.** American strain. Crisp, delicious, nutty flavor, and absence of strings make our Golden Self-blanching a real delicacy. The stalks are broad, thick and heavy, and easily blanch to a rich, appetizing golden yellow. One of the easiest Celeries to grow, for it blanches with much less earthing up than most sorts.

**Utah Tall Green.** An early full-hearted green type of wonderful flavor and without stringiness. Stems thick, solid and fully rounded.

**White Plume.** Unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.

**Flavoring Celery.** For culinary purposes.

## CRESS

Vitamins A, B, C, G

**Curled Cress or Pepper Grass.** Sow in early spring in rows 2 feet apart and repeat often as it runs to seed very quickly. 40 days. Broad or narrow leaf.

**Upland Cress.** The perennial variety. Stays green all year. 60 days.



Golden Self-blanching Celery

**Water-Cress.** Sow early in spring near pond or running water; when established will last for years. 50 days. Seed very scarce.

**CELERY PLANTS.** See page 25.

## Celeriac

**Giant Prague.** This is unquestionably the largest and best Celeriac ever introduced. Very large, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent.

## Chervil

Used as a salad seasoner.

## Dandelion

Vitamins A, C

**Improved Thick-leaved.** Perennial.

## 1001 Garden Questions Answered

By Alfred C. Hottes. 3d Edition. 388 pages; 160 illus. \$3.00, postpaid \$3.15.

### CARROTS

	Pkt.	Oz.	1/4lb.	Lb.
Chantenay Long Type.....	\$0 10	\$0 20	\$0 50	\$1 50
Red-Cored Chantenay.....	10	20	50	1 50
Streamlined.....	10	20	50	1 50
Chantenay.....	10	20	50	1 50
California Bunching.....	10	20	50	1 50
Danvers (Half-Long Orange Carrot).....	10	20	50	1 50
Oxheart (Guerande).....	10	20	50	1 50
Nantes.....	10	20	60	2 00
Improved Long Orange.....	10	20	50	1 50

### CELERY

	Pkt.	1/2oz.	Oz.	1/4lb.	Lb.
Golden Self-blanching.....	\$0 10	\$0 30	\$0 50	\$1 75	\$6 00
Cornell 19.....	10	30	50	1 75	6 00
Utah Tall Green.....	10	25	40	1 50	5 00
White Plume.....	10	25	40	1 50	5 00
Giant Pascal.....	10	25	40	1 50	5 00
Golden Heart.....	10	25	40	1 50	5 00
Easy Blanching.....	10	25	40	1 50	5 00
Flavoring Celery.....			10	35	1 25

### CELERIAC

Giant Prague.....	10	30	50	1 75	6 00
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### CORN SALAD

.....	10		25	90	2 50
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### CRESS, Curled or Pepper Grass

.....	10		20	60	2 00
-------	----	--	----	----	------

### Water

.....	15	40	75	2 50	8 00
-------	----	----	----	------	------

### Upland

.....	10		20	50	1 75
-------	----	--	----	----	------

### CHERVIL

.....	15				
-------	----	--	--	--	--

### DANDELION, Imp. Thick-leaved

.....	25	1 00	1 75		
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**CABBAGE  
PLANTS,  
Page 25**

## CABBAGE

**CHOICE SURE-  
HEADING SEED**

*One ounce will produce about 2,500 plants; ¼ pound for transplanting an acre*

**CULTURE.** Sow seed in January or February in hotbeds, and transplant latter part of April or early in May to open ground; or an early sowing in open ground can be made as soon as weather will permit. Set plants 1 to 1½ feet apart in the row. For second-early, sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant in the same ground two years in succession. Soil A. Vitamins B, C, G. We pay postage on packets, ounces, and ¼ pounds. For larger quantities consult chart on page 1.

### Early Pointed-Head Varieties

About 75 days

**Early Jersey Wakefield.** A fine oblong-shaped Cabbage. Head is solid, there being very few outside leaves.

**Charleston Wakefield.** Resembles the Early Wakefield, but later and larger.

### Early Round and Flathead Varieties

About 90 days

**Early Flat Dutch.** A dwarf-growing type, principally used for early summer.

**GOLDEN ACRE.** An extra-early strain of Copenhagen Market, maturing about 10 days earlier. It will mature heads measuring 9 inches in diameter, with a uniform weight of 5 pounds, in 80 days from time of sowing. Height of stalk is 2 inches and entire plant consists of 13 leaves, allowing close planting.

### Second-Early Varieties

About 100 days

**Copenhagen Market.** Large, globe-shaped, solid head which comes into market along with Charleston Wakefield. Our seed comes direct from the originator. Makes few loose leaves. A vigorous grower and excellent keeper.

**Succession.** A large, solid, roundish flat-headed sort with few outer leaves. One of the best varieties to follow Large Charleston Wakefield.

We pay postage on all seeds in packets, ounces, and ¼ pounds. For larger quantities, consult chart on page 1.



**Charleston Wakefield Cabbage  
Late or Winter Varieties**

About 110 days

**Savoy Chieftain.** 90 days. (All-America Award, 1938.) Flattened globe; very curly; outstanding quality.

**American Drumhead Savoy.** A beautifully crimped-leaved, deep glossy green sort. The head is almost round.

**Danish Ballhead.** An elegant, medium-late variety. Round and compact.

**Late Flat Dutch.** (Improved Strain.) This has been selected especially for our trade, and seed was taken from the finest type of heads selected for solidity and uniformity.

**Red Dutch Drumhead.** A red variety used extensively for its good qualities.

### Yellows-Resistant Varieties

Bred and grown in Wisconsin for their wilt- and yellows-resisting qualities, these varieties will also do better under hot, dry, and unfavorable weather conditions.

**Jersey Queen.** The yellows-resistant Jersey Wakefield.

**Golden Acre.** Described in second column.

**Marion Market.** Like Copenhagen but larger.

**Copenhagen Market.** Described in second column.

**All Seasons.** A very large head, flat and solid. It is valuable for summer or winter use.

### CHINESE CABBAGE

Grow like late Cabbage, planting in July, as early plantings run quickly to seed. It has a mild flavor and may be eaten raw or as a salad, or cooked. 70 days. Soil A. Vitamins A, B, C, G.

**Chihili or Improved Pekin.** Slender, well blanched.

**Pe-Tsai.** Slender; green.

**Wong Bok.** Short and thick; well blanched.



Giant  
Lucullus  
Swiss  
Chard



Golden Acre Cabbage

### Swiss Chard or Spinach Beet

Sow 1 ounce of seed to 60 feet of drill

**CULTURE.** Swiss Chard is a Beet grown for its leaves. The midribs and leaves when boiled make delicious "greens." Sown in the spring, the leaves are soon ready to eat and will grow all summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring. 35 days. Soil A. Vitamins A, B, C, G.

**Fordhook Giant.** Leaves broad, upright in growth, and very dark green, crumpled or savoyed, with broad, white midrib.

**Giant Lucullus.** Upright plants with curly light green leaves of mild flavor. A heavy yielder.

**Rhubarb.** A Chard of unique crimson color. Stalks are sweet and succulent, bright red in color. Leaves green to bronze.

### Collards

**CULTURE** like cabbage. The lower leaves, pulled off and used same as cabbage sprouts and kale, are delicious. 80 days. Soil A. Vitamins A, B, C, G.

**Vates.** A recent introduction with open head, green ribs and waxy bloom. Hardy, medium tall; preferred by truckers.

**Cabbage.** Hardy and grows on the poorest soils. White and crisp as a cabbage. Medium tall.

**Georgia or Southern.** Stands cold weather and adverse conditions splendidly. Grows on poor land. Tall.

#### CABBAGE, EARLY POINTED-HEAD

	Pkt.	Oz.	¼ lb.	Lb.
Early Jersey Wakefield.....	\$0 10	\$0 25	\$0 75	\$2 50
Charleston Wakefield.....	10	25	0 75	2 50

#### CABBAGE, EARLY ROUND AND FLATHEAD

Golden Acre.....	10	25	90	3 00
Early Flat Dutch.....	10	25	75	2 50

#### CABBAGE, SECOND-EARLY

Succession.....	10	25	75	2 50
Copenhagen Market.....	10	25	75	2 50

#### CABBAGE, LATE OR WINTER

Savoy Chieftain.....	10	30	90	3 00
American Drumhead Savoy.....	10	30	90	3 00
Red Dutch Drumhead.....	10	50	1 50	5 00
Late Flat Dutch.....	10	25	75	2 50
Danish Ballhead.....	10	30	90	3 00

#### CABBAGE, YELLOWS-RESISTANT

Copenhagen Market.....	10	40	1 25	4 00
Jersey Queen.....	10	40	1 25	4 00
Marion Market.....	10	30	1 00	3 50
All Seasons.....	10	30	1 00	3 50
Golden Acre.....	10	30	1 00	3 50

#### CABBAGE, CHINESE, Chihili or Improved Pekin

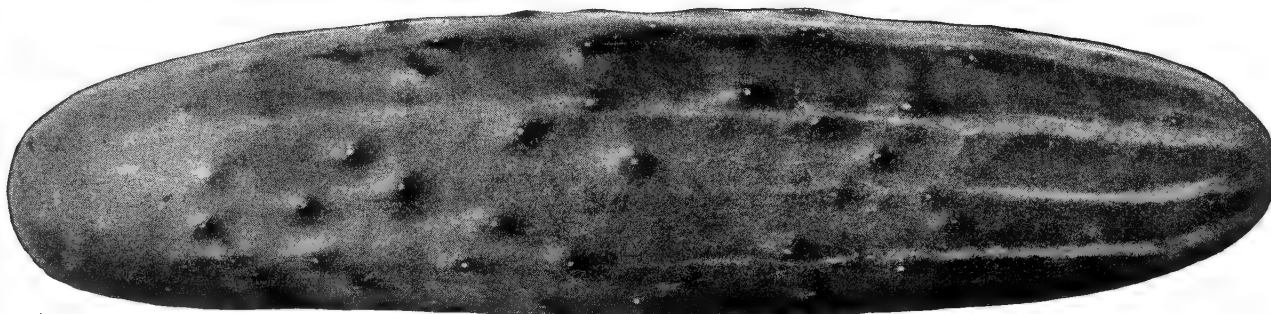
Pe-Tsai.....	10	20	60	2 00
Wong Bok.....	10	20	60	2 00

#### CHARD, SWISS (Spinach Beet)

Giant Lucullus.....	10	15	40	1 25
Fordhook Giant.....	10	15	40	1 25
Rhubarb.....	15	50		

#### COLLARDS

Vates.....	10	15	40	1 25
Cabbage.....	10	15	30	1 00
Georgia.....	10	15	30	1 00



Marketer Cucumber

## CUCUMBER

One ounce of seed will plant 50 hills;  
2 pounds, an acre

**CULTURE.** Sow seed after danger of frost is past, using eight to ten seeds to hills spaced 3 to 5 feet apart. About 60 days. *Soil B. Vitamins A, B, C, G.*

**A & C, 60 Days.** Vines healthy, robust and resistant to disease, producing white-spined Cucumbers about 10 inches long.

**Boston Pickle.** Productive and "green" better than any other to "hold color." Black spined.

**Early Fortune.** A great favorite with our Anne Arundel County farmers for its early maturity, productiveness, uniformity in large size, and dark green color.

**English Forcing Telegraph.** These are ideal for growing under glass. They produce enormous fruits, generally 1½ to 2 feet long and 3 inches in diameter.

**Colorado.** Slender, dark green. Vigorous, productive. The finest slicing Cucumber.

**Improved Long Green.** Long and crisp. A popular and reliable variety for pickles. 75 days.

**Marketer.** Because of the fine fruit and exceptionally heavy crop, Marketer is rapidly becoming the outstanding favorite with growers of quality Cucumbers. Fruits measure 8 to 10 inches long, are slender, and beautiful deep green. Genuine originator's stock.

**Hybrid Cucumber.** Outyields open-pollinated varieties; on account of its long bearing period, it will produce long after others have ceased. It is of the white spine type, with handsome dark green fruit 8 inches long or more and up to 2½ inches thick. The white flesh of excellent quality makes it the ideal slicing Cucumber. Pkt. (about 35 seeds) 25c; 5 pkts. \$1.00.

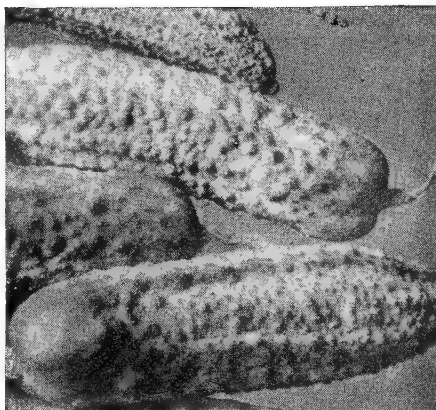
**National Pickling.** Fruit straight, with blunt ends, black-spined, deep green. High yielder. 56 days.

**Straight 8.** Attractive dark green Cucumbers of symmetrical form, 8 to 9 inches long, and of the highest quality.

**New Klondike.** Similar to Early Fortune.

**Japanese Climbing.** This is quite resistant to disease and insects. It is good quality and dark green. 68 days.

**Small Gherkin or Burr.** Used only for pickling while young and tender.



National Pickling Cucumber

## Celtuce (Burpee's)

A Chinese vegetable, easy to grow and very palatable. Grows like lettuce. The young leaves may be eaten like a salad and the raw stalks like celery or carrots. The cooked stalks have a pleasing taste. *Soil A. Vitamins A, B, C, G.*

## CAULIFLOWER

Packets, ounces, ¼ pounds and pounds, postpaid. For larger quantities consult chart on page 1.

One ounce of seed will produce 1500 plants

**CULTURE.** Sow seed in hotbeds or window-boxes in February or March and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set 2 feet apart in the row. About 90 days. *Soil A. Vitamins A, B, C, G.*

**Dry Weather or Danish Giant.** The great drought-resisting variety. The heads are large, snow-white and protected with a liberal growth of foliage. The ideal variety to plant for summer use.

**EARLY SNOWBALL.** Extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture.

**CAULIFLOWER PLANTS.** See page 25.

## Cardoon

Grown for its stalks, which make a delicious vegetable. *Vitamins A, B, C, G.*

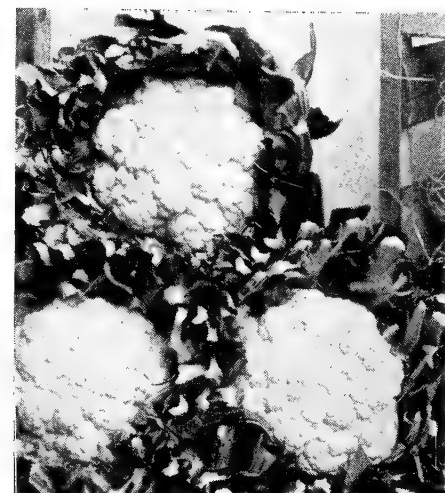
## CHICORY

*Vitamins B, G*

**Large-rooted.** The roots are dried and ground and used for flavoring or to mix with coffee. It can also be served like salsify. 100 days. *Soil B.*

**Witloof.** French Endive. Every garden should have a row of this, and we feel sure that every amateur or experienced gardener will be pleased with the results. It is eaten raw as a salad, and is also sometimes cooked like endive. 110 days.

We pay postage on packets, ounce, and ¼ pounds. For larger quantities, see chart on page 1.



Early Snowball Cauliflower

CAULIFLOWER				
Early Snowball	25c and \$0 50	Pkt.	½oz.	Oz.
Dry Weather (Danish Giant)	25c and 50		1 25	2 00
CARDOON				
	10		50	
CELTUCE				
	15		½oz.	½oz.
			\$0 30	\$0 50
CUCUMBER				
		Pkt.	Oz.	¼lb.
Marketer	\$0 10		\$0 25	\$0 75
Colorado	10		25	75
Straight 8	10		25	75
A & C, 60 Days	10		25	75
Early Fortune	10		20	50
New Klondike	10		20	50
Improved Long Green	10		20	60
Boston Pickle	10		20	50
National Pickling	10		20	50
Japanese Climbing	15		45	1 25
Small Gherkin (Burr)	10		25	75
Hybrid Cucumber	5 pkts. for \$1.00	25		
English Forcing Telegraph	Pkt. of 12 seeds 25c; 100 seeds \$1.25.			
CHICORY				
Witloof (French Endive)			Pkt.	Oz.
Large-rooted			\$0 15	\$0 50
			15	50



## FIELD CORN 56 lbs. per bus.

Boone County White.  
Collier's Excelsior. White.  
Eureka White Ensilage.  
Collier's Success. Yellow.  
Golden Beauty.  
Lancaster County Sure-Crop. Yellow.  
Maryland Yellow Dent.  
Yellow Leaming.  
All above White varieties, \$6.00 per bus.  
All above Yellow varieties, \$5.50 per bus.

## Certified Hybrid Yellow Field Corn

**U. S. 13.** Probably the most interesting thing that can be said about this Hybrid is that it is still the most popular in this territory, by a very wide margin. Its popularity stems from the fact that it meets the fancy and requirements of a majority of farmers. For example, relatively few farmers desire either an early or a late-maturing Corn. Nor do they want either a very large or very small fodder or ear, or a hard or soft kernel. This variety is "medium" in all respects, hence yields well in a wide range of soil fertility and weather conditions. Kernels are deep and rich golden yellow. Ears usually longer than husks, making it easy to husk. As a rule ears are well down on the stalk, which is a very distinct advantage at time of harvesting the crop. Matures in 110 to 115 days.

**Iowa 939 Hybrid.** Wide adaptation. Moderately long ear of medium indentation, deep yellow grain; medium-sized stalks. Matures in 90 days.

## POP-CORN

**South American Yellow Giant.** Makes large, white, beautiful puffs.

Prices on larger quantities on request

**NOTICE** For the convenience of our customers, we have marked 5 of the best varieties, as they mature in succession. No. 1 is the earliest and No. 5 the latest.



Golden Cross Bantam Corn

## SWEET or SUGAR CORN

One quart of seed will plant 200 hills; 8 quarts in hills to acre

Sugar Corn varies in weight according to variety. We have decided to list 44 pounds as a bushel, except Adams and Trucker's Favorite, which weigh 56 pounds to bushel.

**CULTURE.** The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills, covering about 1/2 inch and thin out to 3 plants to a hill. Extra-early varieties can be planted 1 1/2 feet apart in the row. The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill. From 65 to 90 days. Soil B. Vitamins A, B, C.

Prices on bus. lots of Sugar Corn on request

**No. 1. Golden Bantam.** An extremely early true Sugar Corn. The grain when ripe is a bright golden yellow; flavor is exceptionally rich and sugary. Produces 2 or 3 good ears to the stalk.

**No. 2. Whipple's Early White.** Matures in 65 days. Large ears of pearly whiteness.

**No. 3. EARLY EVERGREEN.** The large, uniform ears are well filled to the tip with beautiful white kernels. Splendid sort for market and home-garden, being 10 to 12 days earlier than Stowell's Evergreen. Keeps well after being cut.

**No. 4. Country Gentleman or Shoe-Peg.** A short-stalked, productive sort. Ears large for so small a stalk; grain narrow, very deep, of excellent quality.

**No. 5. Stowell's Evergreen.** The ears are large. Grains are deep and sugary.

**Howling Mob.** An early Sugar Corn with fine, large ears. Excellent for truckers or the home gardener.

**The Vanguard.** Large-eared white Sweet Corn of excellent table quality. Matures in 65 to 70 days.

**Golden Giant.** A cross between Golden Bantam and Howling Mob. Ears 6 1/2 inches long.

**Black Mexican.** An old favorite. Very tender and sweet.

**Early Adams.** Stalks 3 to 4 feet high with ears set within 6 inches of ground. Not a Sugar Corn but a decided acquisition so early in the season.

**Blands Early.** This is the earliest of all Corn.

**Trucker's Favorite.** A late variety of Adams type. Suitable for table or stock. Ears very large, 14- or 16-rowed.

**Stowell's Hybrid.** Deep narrow kernels on ears 7 1/2 inches long. Very sweet.

**Country Gentleman Hybrid.** Ears 8 inches long, on a 7-foot plant.

**Golden Cross Bantam.** Has 8-inch ears with 10 to 14 rows of delicious golden yellow kernels. The sturdy stalks grow 6 to 6 1/2 feet high. Matures in 80 days.

**Ioana Hybrid.** Ears 8 1/2 inches long, with 12 to 16 rows of light yellow kernels of excellent quality. Uniform. Stalk 7 to 7 1/2 feet high. High-yielding. 90 days.

**Lincoln Hybrid.** Ears 8 inches long, with 14 to 16 rows of yellow kernels of good quality. Stalk 6 1/2 to 7 feet tall; resists lodging; ears borne high. Primarily for market gardeners wanting large early ears. Good yielder. 82 days.

See latest Hybrid Sugar Corns, page 14

**POSTAGE ON SUGAR CORN EXTRA:**  
Pt. 12c; qt. 15c; 1/2pk. 23c; pk. 33c; bus. 99c, up to 2d zone only. For other zones consult chart on page 1.

Postage on Corn extra: qt. 15c; pk. 40c; bus. \$1.23

### CORN, FIELD, HYBRID, and POP

	Qt.	Pk.
Eureka White Ensilage.....	\$0 30	\$1 75
Boone County White.....	30	1 75
Collier's Excelsior.....	25	1 50
Lancaster County Sure-Crop.....	25	1 50
Collier's Success.....	25	1 50
Yellow Leaming.....	25	1 50
Golden Beauty.....	25	1 50
Maryland Yellow Dent.....	25	1 50
Cert. U. S. 13.....	Bus. \$8.50	45 2 50
Iowa 939 Hybrid.....	Bus. \$8.50	2 50

### POP-CORN

Prices subject to change

South American Yellow Giant.....	Lb \$0 25
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### WRITE FOR PRICES ON LARGER QUANTITIES

### CORN, SUGAR or SWEET

	Pkt.	Pt.	Qt.	1/2pk.	Pk.
No. 1—Golden Bantam.....	\$0 10	\$0 40	\$0 75	\$2 25	\$4 00
No. 2—Whipple's Early White.....	10	40	75	2 25	4 00
No. 3—Early Evergreen.....	10	40	75	2 25	4 00
No. 4—Country Gentleman (Shoe-Peg).....	10	40	75	2 25	4 00
No. 5—Stowell's Evergreen.....	10	40	75	2 25	4 00
Golden Giant.....	10	40	75	2 25	4 00
The Vanguard.....	10	40	75	2 25	4 00
Black Mexican.....	10	40	75	2 25	4 00
Howling Mob.....	10	40	75	2 25	4 00
Stowell's Hybrid.....	10	60	1 15	3 25	6 00
Country Gentleman Hybrid.....	10	60	1 15	3 25	6 00
Golden Cross Bantam.....	10	60	1 15	3 25	6 00
Lincoln Hybrid.....	10	60	1 15	3 25	6 00
Ioana Hybrid.....	10	60	1 15	3 25	6 00
Blands Early.....	10	30	55	2 00	3 50
Early Adams.....	10	30	55	2 00	3 50
Trucker's Favorite.....	10	30	55	2 00	3 50

## We Give You Here the Latest and Best in Yellow Hybrid Sugar Corn

**REMEMBER THIS IMPORTANT POINT**—Do not pick your Corn until you are ready to use it. Then you get that **super rich sweet** flavor that is the real delicious goodness in Sweet Corn. If picked 10 to 12 or more hours before using, much of the sugar turns to starch and you lose much of its sweetness and flavor.

To have a continuous supply of fresh succulent ears of Sweet Corn, plant these three outstanding new hybrids at one time at certain intervals.

**GOLDRUSH.** Matures in 69 days.

**BELGOLD.** Matures in 75 days.

**IOCHIEF.** Matures in 89 days.

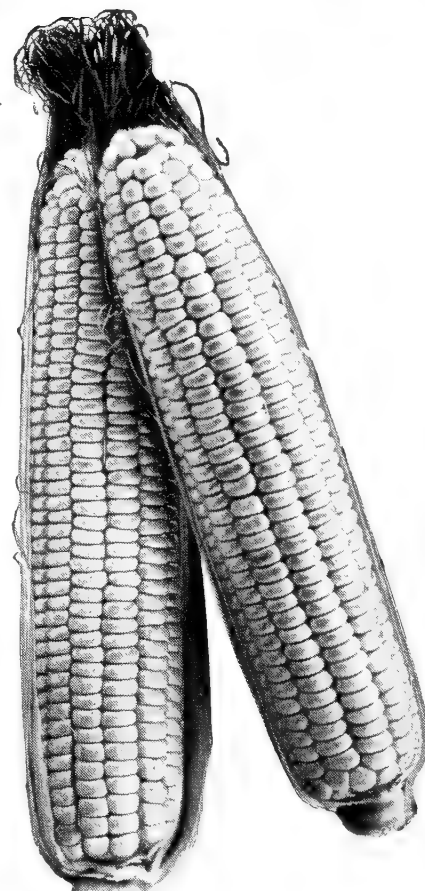
**Special Offer:**  $\frac{1}{2}$ pt. of each of the three above for \$1.00, postpaid \$1.15



Iochief Corn

### Iochief

A very productive yellow hybrid developed by Dr. E. S. Haber of Iowa State College. The large attractive ears have mostly 16 rows of deep, narrow kernels of a very high cutting percentage. The sweet, tender kernels have a fresh, bright yellow color and a long holding ability. Iochief is drought resistant, vigorous, practically suckerless, and bears ears high on the stalk. 89 days.



Goldrush Corn



Carmelcross Corn

### Carmelcross

A well-known second-early hybrid, developed at the Connecticut Experiment Station. Fits in between Goldrush and Golden Cross Bantam hybrids to give a continuous supply. Ears 7 to 8 inches long, with 12 to 16 rows of richest golden yellow kernels. Stalk 5 feet tall. 79 days.

### Belgold

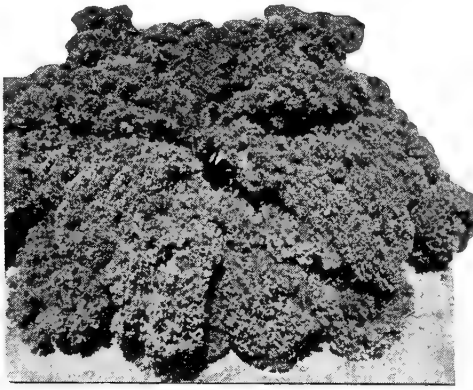
Notable for its tenderness and ability to hold its prime edible stage longer than most hybrids. Develops to edible stage about five to seven days earlier than Golden Cross Bantam. The longer husk coverage gives a distinct advantage in holding down worm damage. Stalk is medium slender, 68 to 72 inches tall, very productive with two ears per stalk. Ears are 7 $\frac{1}{2}$  to 8 inches long, with 12 to 14 rows of bright attractive yellow kernels of good flavor. 75 days.

### Goldrush

Its earliness and beautiful ears are almost unbelievable. The sturdy stalks are 6 feet tall, most stalks producing 2 ears 8 $\frac{1}{2}$  inches long, 12 to 14 rowed, well filled. Kernel most attractive, yellow, tender, sweet; fine quality and flavor. 69 days.

CORN	Pkt.	$\frac{1}{2}$ pt.	Pt.	Qt.	$\frac{1}{2}$ pk.	Pk.
Belgold.....	\$0 10	\$0 40	\$0 75	\$1 25	\$4 00	\$7 50
Goldrush.....	10	40	75	1 25	4 00	7 50
Iochief.....	10	40	75	1 25	4 00	7 50
Carmelcross.....	10	35	60	1 15	3 25	6 00

"The Goldrush Corn is tops; from 1 quart I raised 87 dozens. It is the best eating Corn I ever grew."—ALBERT F. RITTER, 2300 Ailsa Ave., Baltimore, Md.



Long-standing Curled Kale

## KALE

Vitamins A, B, C, G

### Dwarf German.

**Long-standing Curled.** The leaves are very crimp and a dark green.

**Siberian.** Similar to above. Very hardy.

**Spring or Hanover.** A hardy, quick-growing, smooth-leaved variety. Sow at intervals of 10 days, so as always to have it young and tender. 30 days.

## BORECOLE

Scotch Kale

For Plants, see page 25

**Sow 1 ounce of seed to about 100 feet of drill; 2 to 3 pounds to the acre**

**CULTURE.** May be sown from May to September and is not harmed by cold weather. Plants should be about 18 inches apart, in rows 2½ feet apart. *Soil B. Vitamins A, B, C, G.*

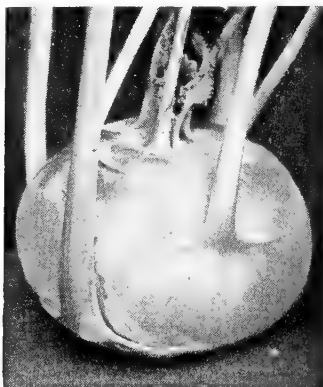
**Dwarf Blue Scotch, Extra Curled.** This Kale is of a dark bluish green color, which it retains without yellowing, even after several days of transportation. It is very hardy and passes the severest winter without being harmed.

**Vates Improved Blue Scotch.** Very curly, darkest blue-green. Very pure and late running to seed.

**Dwarf Green Curled Scotch or Norfolk.** One of the most popular shipping sorts.

**Hardy Winter.** Grows 1½ feet high with an abundance of beautiful blue-green leaves which are densely curled and crumpled. Besides being very hardy it possesses the advantage of all other varieties in forcing a second crop of moss-curved leaves as soon as the first ones are gone. This new growth is of the finest quality and is ready for market during the winter and early spring months, when it demands fancy prices.

**Tall Scotch.** Best for summer. Very spreading, nicely curled and hardy; frost improves it.



White Vienna Kohlrabi

## KOHLRABI

**Sow 1 ounce to 150 feet of drill**

A favorite vegetable in Europe where it is extensively grown for table use. The bulb is formed above the ground, and, if used when young and tender, makes a most delicate dish. 50 days. *Soil A. Vitamins B, C.*

**Earliest Purple Vienna.** Same as White Vienna, except in the outside color.

**White Vienna.** Greenish white outside with clear white flesh.

## LETTUCE CHOICE STRAINS

**Sow 2 ounces of seed to 100 yards of row; 1 ounce for 2000 plants**

**CULTURE.** Lettuce is now sown during almost all seasons of the year. For outdoor use seed can be sown in well-manured hotbeds in February and March. Transplant there or outdoors when the weather will permit—10 inches apart in the row. If the Lettuce is not to head, sow thickly and cut as desired. For best results it is well to sow only the varieties suited to the different seasons and conditions. For winter use, sow seed in September in hotbeds and follow it with other sowings for succession. 50 to 80 days. *Soil A. Vitamins A, B, C, G.*

**All-Seasons.** A heading variety. Thick leaves; large solid, yellow heads. Succeeds well at all seasons.

**Bibb.** Small, dark green, loose heads of excellent flavor. Should be grown in greenhouse or cool weather only.

**Big Boston.** Old favorite.

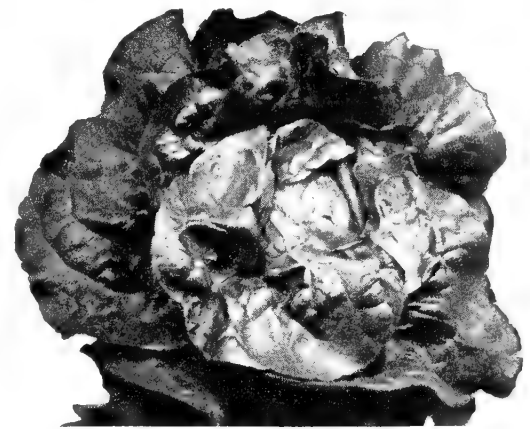
**Iceberg.** The earliest and largest header of its class; crisp and tender.

**California Cream Butter.** Yellowish green, slightly marked with brown specks.

**Early Curled Simpson.** Early fine, large, loose heads, finely fringed and curled. Either white or black-seeded varieties.

**Oak Leaf.** A non-heading Lettuce. Leaves thick, succulent and tender, shaped like an oak leaf. Early type.

**Premier Great Lakes.** Heads are unusually solid, practically round, up to 7 inches in diameter and 2 pounds in weight. Recommended for culture on upland soils as an early crop. Slow bolting and resistant to tipburn, it may be planted in succession for a summer crop. 70 days.




White Boston Special

**Pennlake.** Distinct for its greatly increased uniformity of plant and head type. The heads are of excellent quality, are very compact, and have a noticeable extension of green coloring into the interior. It possesses heat tolerance and will not bolt. It may be grown unusually free from tipburn as an early summer crop. Also does well as a fall crop in field or in frames. 77 days.

**Grand Rapids.** Popular loose-leaf variety.

**Great Lakes.** A summer Lettuce which stands heat and sun, and is slow to go to seed. Tender and crisp.

 **New York P. W. No. 55.** The earliest-maturing New York, heading in 75 days from seed. No. 55 heads well in summer and early fall. Highly resistant to tipburn and slime. For home and market.

**No. 847 Black-seeded New York, Wonderful or Iceberg.** A very fine strain of this desirable Lettuce.

**Imperial Iceberg No. 44.** One of the most dependable sure-heading types of Iceberg for this section.

**Romaine Dark Green (Dark Green Cos).** Has long, narrow, upright leaves; does not head, but when tied up blanches very nicely.

**Romaine, White Paris (White Paris Cos).** Like above but for its color.

**White Boston Special.** Green-leaved Big Boston type without the red-tinged leaf-edge. Popular among market gardeners.

**Chicken Lettuce.** This is a non-heading Lettuce, for feeding poultry and rabbits.

### BORECOLE or SCOTCH KALE.

	Pkt.	Oz.	¼lb.	Lb.
Hardy Winter.....	\$0 10	\$0 15	\$0 45	\$1 50
Dwarf Green Curled Scotch or Norfolk.....	10	15	45	1 50
Dwarf Blue Scotch, Extra Curled.....	10	15	45	1 50
Vates Improved Blue Scotch.....	10	20	75	2 00
Tall Scotch.....	10	15	45	1 50
KALE, Dwarf German.....	10	15	35	1 25
Long-standing Curled.....	10	15	35	1 25
Siberian.....	10	15	35	1 25
Spring.....	10	15	25	60

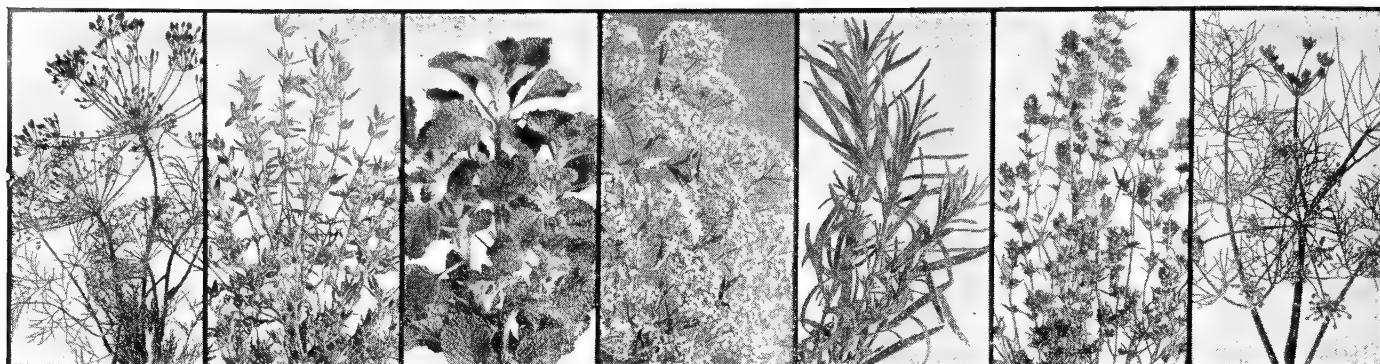
### KOHLRABI

White Vienna.....	10	35	1 00	3 50
Earliest Purple Vienna.....	10	35	1 00	3 50

### LETTUCE

Imperial Iceberg No. 44.....	10	30	90	3 25
New York P. W. No. 55.....	10	30	90	3 25
No. 847 Black-seeded New York.....	10	30	90	3 25
Big Boston.....	10	20	50	1 75
Iceberg.....	10	20	60	2 00
Romaine (White Paris Cos).....	10	20	50	1 75
Romaine (Dark Green Cos).....	10	20	50	1 75
Grand Rapids.....	10	20	50	1 75
Bibb.....	15	50	1 50	5 00
Oak Leaf.....	10	30	90	3 25
Pennlake.....	10	50	1 50	5 00
Premier Great Lakes.....	10	50	1 50	5 00
Great Lakes.....	10	40	1 25	4 00
California Cream Butter.....	10	20	50	1 75
All-Seasons.....	10	20	50	1 75
White Boston Special.....	10	20	50	1 75
Early Curled Simpson (either white or black-seeded)...	10	20	50	1 75
Chicken Lettuce.....	10	20	60	2 00





Dill

Thyme

Horehound

Anise

Lavender

Sweet Marjoram

Fennel

## EGGPLANT

One ounce will produce about 1000 plants

**CULTURE.** The seed needs a strong, uniform heat. Repeated sowings are sometimes necessary. 120 days. *Soil D.* *Vitamins A, B, C, G.*

**Black Beauty.** The earliest large variety. Fruits rich, dark purple.

**New York Improved Purple.** Large, smooth, deep purple fruits; flesh white, of excellent quality. Very productive.

**Florida High Bush.** Upstanding; bears oblong purple fruit off the ground.

**EGGPLANT PLANTS.** See page 25.

## ENDIVE

**CULTURE.** Sow in March for an early crop and in July for a second one. Space the plants about 8 inches apart in rows 1½ feet apart. *Soil B.* *Vitamins A, B, C, G.*

**Broad-leaved Batavian.** Escarolle. Used in soups and stews. Tie up for blanching.

**Green Curled.** Tender and crisp.

**White Curled.** Self-blanching. Very tender.

**Deep Heart or Improved Full Heart.** Improved Batavian of upright growth with a deeper, more compact heart; earlier. Large, thick, dark green leaves, slightly curled. Medium-large head blanches to light yellow. 70 days.



Black Beauty Eggplant

## HERBS, Culinary and Medicinal

**CULTURE.** Herbs delight in a rich, mellow soil. Sow seed early in spring in shallow drills, 1 foot apart; when up a few inches, thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly where they can dry quickly.

**Anise.**

**Balm.**

**Borage.**

**Caraway Seeds.** Used to flavor bread.

**Catnip.**

**Coriander.**

**Dill.** The seeds are used as a condiment and for pickling.

**Fennel, Sweet.**

**Horehound.** For medicinal purposes and flavoring.

**Lavender.** For flavoring and perfumery.

**Martynia.** The young seed-pods make excellent pickle. No supply.

**Pennyroyal.**

**Peppermint.** No supply.

**Rosemary.** Leaves used for seasoning.

**Rue.** No supply.

**Sage.** For seasoning and dressing.

**Saffron.** For medicinal and coloring purposes.

**Spearmint.** For flavoring. No supply.

**Summer Savory.** Used for flavoring.

**Sweet Basil.** For flavoring soups.

**Sweet Marjoram.** Leaves and ends of shoots used for seasoning.

**Tansy.** The young leaves are used for seasoning.

**Thyme (Broadleaf).** For seasoning, also for making tea for nervous headache.

**Wormwood.**

**Woodruff** (*Asperula odorata*; Waldmeister). A delightful, fragrant little herb which is used in the well-known German drink "Maitrank." No supply.

## FINOCCHIO . Fennel

A delicious vegetable which is extensively used in Italy as a salad, but is particularly palatable when served boiled, with a cream dressing. When the enlargement of leaf-stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about 10 days cutting for use may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweeter taste and delicate odor. 60 days. *Soil A.*

Packets, ounces, and ¼ pounds postpaid. For larger quantities consult chart on page 1.

	Pkt.	1/2oz.	Oz.	1/4lb.	Lb.
<b>EGGPLANT</b>					
New York Improved Purple.....	\$0 10	\$0 30	\$0 50	\$1 75	\$6 00
Black Beauty.....	10	30	50	1 75	6 00
Fla. High Bush.....	10	30	50	1 75	6 00
<b>ENDIVE</b>					
Green Curled.....	10		15	50	1 50
White Curled.....	10		15	50	1 50
Broad-leaved Batavian.....	10		15	50	1 50
Deep Heart.....	10		15	50	1 50
<b>HERBS</b>					
Anise.....	15		75		
Balm.....	15				
Catnip.....	15				
Pennyroyal.....	15				
Peppermint.....					
Spearmint.....					
Borage.....	15		60		
Caraway Seeds.....	15		75		
Coriander.....	15				
Dill.....	10		15	40	1 25
Fennel, Sweet.....	10				
Tansy.....	15				
Horehound.....	15		1 25		
Lavender.....	15		2 00		
Martynia.....					
Rosemary.....	15				
Rue.....					
Sage.....	15		60		
Summer Savory.....	15		60		
Sweet Basil.....	15		50		
Sweet Marjoram.....	15		50		
Saffron.....	15				
Thyme (Broadleaf).....	15		1 00		
Wormwood.....	15		50		
Woodruff (Waldmeister).....					
<b>FINOCCHIO (Fennel)</b> .....	10		25	75	

Some  
Herbs  
extremely  
scarce

## MUSKMELONS or CANTALOUPEs

*Sow 1 ounce of seed to about 50 hills; 2 to 3 pounds in hills to an acre*

**CULTURE.** Melons do best in a light or sandy soil, but with a little labor in preparing hills they can be grown in almost any warm, sunny location. Make hills 5 feet apart each way, putting two or three shovelfuls of well-rotted manure in each hill; pack it down tight, cover it with 3 inches of fine, loose soil, making hills 1 foot in diameter. When the weather is quite warm, scatter 10 to 15 seeds thinly over the surface of the freshly made hills and cover with  $\frac{1}{2}$  inch of fine soil. When the young plants are well established, thin out to the best three plants. For early use, sow in hotbed, on piece of sod or in pots. From 65 to 100 days. *Soil B. Vitamins A, B, C, G.*

### Green-Fleshed Varieties

- Baltimore Nutmeg.** Large, oval, deeply netted; solid green flesh of fine quality.
- Bottomly.** True Anne Arundel strain. Medium size, oblong, deeply netted; green flesh and delicious flavor.
- Knight.** Regular stock.
- Long John.** A product of Anne Arundel County. It averages 8 to 10 inches in diameter, is deeply netted and ribbed; flesh green, thick, and deliciously flavored.
- New Honeydew.** A melon with smooth, almost white rind, measuring about 6 inches in diameter by 7 to 8 inches long. Thick green flesh of a peculiar sweet flavor, resembling a well-ripened banana.
- Rocky Ford.** Early. Small, oval; green flesh of excellent quality. A good shipper.

### Salmon-Fleshed Varieties

- Banana.** The flesh (the melon is nearly solid) is of a rich salmon and is fragrant. The quality is first rate when the melon is thoroughly ripe. It grows from 20 to 28 inches in length and is very prolific.
- No. 36. Hale's Best.** Very early. An oval melon with heavy netting and ribs hardly apparent. Flesh exceptionally thick, firm, of fine, sweet flavor, deep salmon, with very small seed-cavity. It is ready for market in about 70 days.
- Hearts of Gold.** A fair-sized melon, with distinct ribs and quite heavily netted. The rich, golden flesh has a most excellent flavor and is very deep, having only a small seed-cavity. As a shipper the high quality is retained perfectly after traveling long distances.
- Honeydew.** Pink-fleshed, same as the green one, with the exception that the flesh is of a beautiful pink tint and highly flavored.
- Pride of Wisconsin.** Oval in shape, with tough, heavily netted rind. Flesh deep orange and very thick. Sweet; excellent quality.



Hearts of Gold Cantaloupe

## WATERMELON

*Sow 1 ounce of seed to 30 hills; 4 to 5 pounds to an acre*

**CULTURE.** Watermelons should be planted in hills 8 to 10 feet apart. Otherwise for culture, see directions for Cantaloupes. Do not grow them near pumpkins or gourds. About 85 days. *Soil B. Vitamins B, C, G.*

- Dixie Queen.** The sparkling, crisp, rich scarlet flesh is firm, sweet, and juicy right up to the rind, which is thin but tough. It is a splendid shipper.
- Dude Creek.** Large, long, cylindrical. Blunt ended, 40 to 50 lbs. Hard, thin rind, white, dark green irregular stripes. Flesh bright red; solid, sweet, flavorful.
- Florida Favorite.** Large, long, striped melon, excellent for family garden. Rind thin, but firm; flesh very deep red and exceptionally sweet. Splendid shipper.
- Florida Giant or Cannonball.** An all-purpose melon good for shipping. Vigorous and prolific. Large, dark green, nearly round. Flesh bright red, crisp and sweet.
- Garrison or Croaker's Special.** Oblong, with dark stripes. Splendid shipper.

**Congo.** The only shipping variety known today that is resistant to anthracnose. This variety promises to be of exceptional importance. The melons are similar in size and shape to Garrison; the very tough rind is dark green with darker green stripes. Sweet, very bright red flesh of medium grain, ripening well out to the rind.

**Golden Heart.** A decided novelty in Watermelons, producing melons which have delicious yellow meat almost to the rind.

**Halbert's Honey.** A medium-early, home and truck-gardening sort. Large, oblong to cylindrical, dark green. Sweet, tender, crimson flesh.

**Hawkesbury.** Excellent market sort of fine eating quality, uniform shape, and highly resistant to fusarium wilt. Vines vigorous. Melons weigh 30 pounds or more. Light gray-green rind which is tough. Flesh red, no trace of hard centers. Black seeds.

**Irish Grey.** Fine for home-gardens or shipping. Thin, tough rind; the red flesh is sweet, crisp and free from stringiness.

**Kleckley Sweet.** Fruits large, oblong, with dark green skin and very thin, quite brittle rind. Flesh bright scarlet, with broad, solid heart, most crisp, sugary, and melting; entirely free from any stringiness.

**Stone Mountain.** A round melon up to 50 pounds. Dark green skin. Deep red flesh, almost all heart; very sweet. For the home-garden and near-by markets. 90 days.

**Tom Watson.** A large, long melon with dark green rind and light crimson flesh of excellent quality. A splendid shipper.

**Leesburg.** Wilt-resistant Kleckley Sweet.

**Blacklee.** Wilt-resistant. This oblong shipping melon is of the finest quality and an excellent keeper.

**Burrell's Grey.** Another fine wilt-resistant shipping melon.

**CITRON.** Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid; seeds red. Not used for eating in the raw state, but for preserves, pickles, etc.

It is important to use SPERGON on Cantaloupe and Watermelon seeds. See page 46.

MUSKMELONS (CANTALOUPEs), Green-fleshed	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Long John.....	\$0 10	\$0 20	\$0 75	\$2 50
Bottomly.....	10	20	65	2 00
Knight.....	10	20	65	2 00
Rocky Ford.....	10	20	65	2 00
Baltimore Nutmeg.....	10	20	65	2 00
New Honeydew.....	10	20	65	2 00
MUSKMELONS (Cantaloupes), Salmon-fleshed				
Hearts of Gold.....	10	20	65	2 00
No. 36. Hale's Best.....	10	20	60	2 00
Pride of Wisconsin.....	10	20	65	2 00
Banana.....	10	20	65	2 00
Honeydew.....	10	20	65	2 00
WATERMELON				
Florida Favorite.....	10	20	50	1 50
Florida Giant or Cannonball.....	10	20	60	1 75
Dixie Queen.....	10	20	65	2 00
Stone Mountain.....	10	20	50	1 50
Golden Heart.....	10	25	60	2 00
Hawkesbury.....	10	20	60	1 75
Tom Watson.....	10	20	50	1 50
Halbert's Honey.....	10	20	50	1 50
Kleckley Sweet.....	10	20	50	1 50
Dude Creek.....	10	20	50	1 50
Garrison or Croaker's Special.....	10	25	75	2 50
Leesburg.....	10	20	60	2 00
Blacklee.....	10	25	75	2 50
Burrell's Grey.....	10	25	75	2 50
Irish Grey.....	10	20	60	1 75
Congo.....	10	40	1 50	4 00
WATERMELON SEED (Medicinal).....				50
Citron.....	10	20	50	1 50

## LEEK

*Sow 1 ounce to 150 feet of row*

**CULTURE.** Sow seed and care for the young plants same as for onions, but they need a little more room to develop fully. When the young plants are about the size of a goose-quill, transplant into a prepared bed, 4 to 5 inches apart in the rows. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use. 85 days. *Soil B. Vitamins B, C.*

**Large Musselburg.** One of the hardiest and largest.

**American Flag.** Produces a large, thick stem and is of mild flavor.

## MUSHROOM SPAWN

*Lambert's Improved Vita*

The best procurable. Makes cream-colored Mushrooms. One brick will spawn 10 square feet. Brick 25c, postpaid 40c; 5 bricks \$1.00, postpaid \$1.25.

**Practical and Scientific Mushroom Culture.** By L. F. Lambert. \$1.00, postpaid \$1.10.

## MUSTARD

*Sow 1 ounce of seed to 100 feet of drill*

**CULTURE.** A pungent salad plant, used like cress; the white seed is also used for flavoring pickles, pepper sauce, etc. For salads, sow thickly in shallow drills 6 inches apart. As plants go to seed quickly, sowings should be made every week or two. To grow white seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high. 35 days. *Soil B. Vitamins A, B, C, G.*

**Fordhook Fancy.** Dark green leaves, more curled on the edges than any other sort.

**Southern Giant Curled.** Large, light green leaves, frilled at edges.

## MUSTARD SPINACH

**Tendergreen.** A quick-growing variety particularly suited to the South. Leaves oblong, thick, fairly smooth, dark green with lighter green ribs; slow to seed, resistant to heat and drought; combines flavors of mustard and spinach.

## OKRA or GUMBO

*Sow 4 ounces of seed to 40 feet of drill*

**CULTURE.** Sow the seed thickly in rich ground about the middle of May, or, when the ground has become warm, in drills 1 inch deep; thin to 10 inches apart in drills. Grown for its green pods, which are used in soups, stews, etc. 60 days. *Soil B. Vitamins A, B, C.*

**Improved Dwarf Green Prolific.** Of dwarf growth but immensely productive and very early. Short, thick, green pods.

**Perkins' Mammoth-podded.** Pods are of unusual length (8 to 9 inches) and an intense green color. Superior for canning.

**White Velvet or Lady Finger.** Bears round, white, smooth pods unlike other varieties which are ridged or square edged.

**Clemson Spineless.** The Clemson Experiment Station introduced this newest Okra variety that was awarded the Silver Medal by the All-America judges. It is a spineless strain of Perkins' Mammoth. Produces a prodigious crop of rich, deep green, tender, straight spineless pods of uniformly fine quality. As early as Perkins. Grows 4 feet high. 60 days.

## ONION SETS 32 lbs. per bus.

*1 quart will plant a row about 50 feet long; 10 to 15 bushels, an acre*

Used for an early crop of Onions, and should be planted just as soon as the ground can be worked. Press the bulb lightly in the ground (do not cover) in rows 1 foot apart, 2 inches apart in the row. On signs of their going to seed, bend the top over but do not break it off. Shipped on local orders about March 1, unless otherwise requested.

For Parcel Post, add 12c per pt.; 15c per qt.; 20c per ½pk.; 27c per pk.; 75c per bus.

**Ebenezer.** This variety is globe-shaped, about the color of a Yellow Danvers, is very solid and has a mild flavor. It will keep longer than any other variety.

**Large Red Wethersfield.**

**White Silverskin.**

**Yellow Danvers.**

**Multiplier Onion Sets.** White; and Egyptian Top Onion, brown—furnished in September and October. Market price.

Prices on Onion Sets subject to change.

Prices on larger quantities furnished on request

We pay postage on all seeds in packets, ounces, and ¼ pounds. For larger quantities, consult chart on page 1.

## ONIONS

*American-grown Seeds*

*Sow 1 ounce of seed to 100 feet of drill; 6 pounds to an acre*

**CULTURE.** For sets, sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops dry off in the summer, remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills 1 foot apart and about 4 inches apart in the drills. The Onions obtained by this process are of large size early in the season; also can be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or in early April, in strong land, well manured, and thinning them out to stand 3 to 4 inches apart in the drills. About 100 days. *Soil A. Vitamins B, C, G.*

**Large Red Wethersfield.** Grows to full size the first season from seed. Almost round, large, deep red, and keeps well.

**Prizetaker.** Flesh white, of mild and delicate flavor. Large Onions are raised the first year from seed, and with ordinary culture produce enormous crops. The Onions sometimes go over 3 pounds under good culture and the white flesh is of mild and delicate flavor.

**Southport White Globe.** Perfects a very handsome product within 90 days from sowing seed. The bulbs are pure white, of a very mild flavor, and splendid keepers. The flesh is remarkably firm and solid. It is an enormous yielder and as it is very attractive, always sells at high prices.

**White Bermuda.** They are of a mild and delicate flavor, and keep a long time. Will produce full-grown Onions from seed the same season.

**White Silverskin.** Ripens early; large, mild in flavor, and excellent for winter use. Much esteemed for pickling when small.

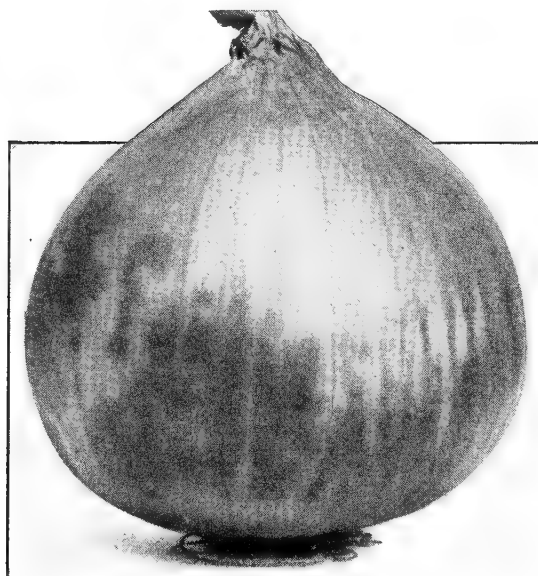
**Yellow Globe Danvers.** One of the most extensively used yellow Onions.

**White Sweet Spanish, Riverside.** Large and mild. Good keeper.

**ONION PLANTS.** See page 25.

## Chives (Schnittlauch)

Very mild onion flavor. Used with cottage cheese and on egg omelets. *Vitamin C.*



Yellow Globe Danvers Onion

	Pkt.	Oz.	¼lb.	Lb.
<b>LEEK</b>				
Large Musselburg .....	\$0 10	\$0 45	\$1 50	\$5 00
American Flag .....	10	45	1 50	5 00
<b>MUSTARD</b>				
Southern Giant Curled .....	10	15	40	1 25
Fordhook Fancy .....	10	20	50	1 50
Mustard Spinach, Tendergreen .....	10	15	35	1 00
<b>OKRA (Gumbo)</b>				
White Velvet (Lady Finger) .....	10	15	35	1 00
Improved Dwarf Green Prolific .....	10	15	35	1 00
Perkins' Mammoth-podded .....	10	15	35	1 00
Clemson Spineless .....	10	15	35	1 00
<b>ONIONS</b>				
Prizetaker .....	10	30	1 00	3 50
Large Red Wethersfield .....	10	35	1 25	4 00
White Sweet Spanish, Riverside .....	10	35	1 25	4 00
White Silverskin .....	10	35	1 25	4 00
Southport White Globe .....	10	35	1 25	4 00
White Bermuda .....	15	75		
Yellow Globe Danvers .....	10	30	1 00	3 50
<b>CHIVES (Schnittlauch)</b> .....	15	75		
<b>ONION SETS</b> Write for prices on larger quantities. Prices subject to change				
Yellow Danvers .....	\$0 25	\$0 85	\$1 50	
Ebenezer, Yellow .....	25	85	1 50	
Large Red Wethersfield .....	25	85	1 50	
White Silverskin .....	25	85	1 50	
Multiplier. Fall delivery only .....	Market price			
Egyptian Top. Fall delivery only .....	Market price			

See Parcel Post rates on Onion Sets in middle column



# PEAS Superior Hand-Picked

Nitragin—the best inoculation for Peas. See page 27

Prices on larger quantities on application

Prices on all Peas are subject to market changes

Sow 1 quart of seed to 200 feet of row; 1/2 to 2 bushels to an acre in drills

**CULTURE.** Peas succeed best in light, dry, loamy soil. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow in single or double rows, 2 to 3 feet apart, 1 inch apart in the drill, and not less than 4 inches deep; for late sorts 5 to 6 inches deep. Deep planting prevents mildew. Soil B. Vitamins A, B, C, G.

If to be sent by Parcel Post, add 12c per pt.; 15c per qt.; 27c per 1/2pk.; 41c per pk.; \$1.31 per bus. These rates apply up to 2d Zone only. For other Zones consult chart on page 1.

## Extra-Early Varieties

Weight, 60 pounds per bushel. About 50 days

**Early Bird.** As early as Alaska and First and Best and as large as Thomas Laxton or Gradus. Dwarf, vigorous vines about 2 feet high, covered with immense pods filled with delicious Peas. Perfectly hardy. Can be planted as early as any variety.

**Extra-Early Alaska.** Popular among market gardeners for an early crop. The pods are of medium size, dark green and ripen almost at one time.

**Mammoth-podded Extra Early.** A very productive and extra-fine sort.

**Long-podded Alaska or Bountiful.** Vines 3 feet high and heavy bearers. The pods, 3 inches long, mature shortly after Alaska, and are well filled with sweet, tender Peas.

## Early Wrinkled Varieties

Weight, 56 pounds per bushel. About 55 days

**Early Wonder.** Extremely early, of high quality and very productive. Pods are dark, long, well filled, and handsome. Can be shipped long distances.

**Gradus or Prosperity.** The pods, fully as long as those of the well-known Telephone, contain very large Peas that are unexcelled for sweetness.

**Laxtonian.** Hundredfold strain, sometimes called Blue Bantam. Pods 3 1/2 to 4 inches long, slightly curved. Very heavy yielder.

**Laxton's Progress.** Vines dwarf, 18 to 22 inches tall, dark green, prolific. Pods dark green, fully 4 inches long. 60 days.

**WORLD'S RECORD.** Medium-height vines with dark green, heavy foliage, bearing large, handsome, well-filled pods measuring sometimes 4 inches and longer, filled with from 8 to 12 tender, luscious Peas.

**Thomas Laxton.** Old stand-by.

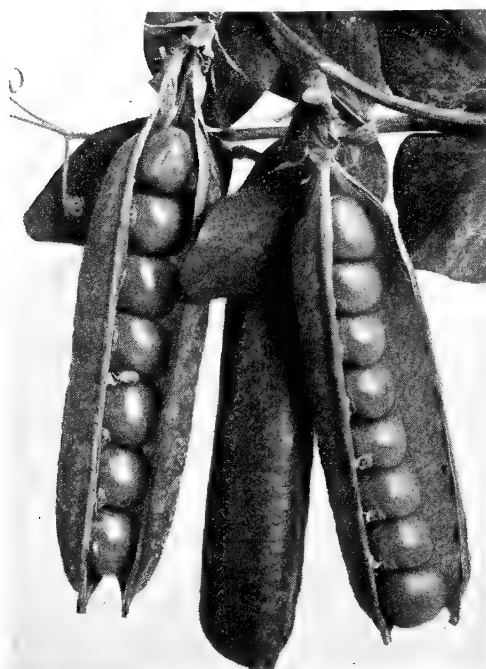
## Medium-Early Wrinkled Varieties

Weight, 56 pounds per bushel. About 60 days.

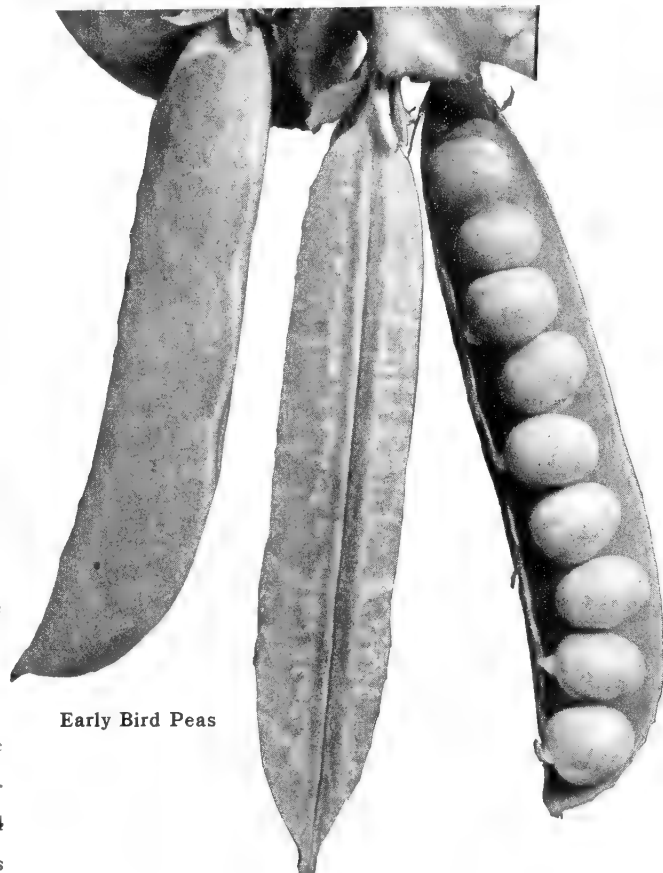
**Daisy or Dwarf Telephone.** The pods are well filled with large Peas of most excellent quality. The vines are 16 to 18 inches high, and, being strong and thrifty, require no support.

**LITTLE MARVEL.** It matures very early and produces large crops. The vines grow about 15 to 18 inches high. Pods are dark green, fair sized, produced in pairs, and are closely filled with 7 to 8 Peas of extra-fine flavor.

**Nott's Excelsior.** Resembling Little Marvel in habit and growth.



Little Marvel Peas



Early Bird Peas

## Late Wrinkled and Edible-Podded Varieties

Weight, 56 pounds per bushel. About 70 days.

**Champion of England.** 4 1/2 feet high.

**Telephone.** For general planting this tall-growing variety is undoubtedly the most popular among market gardeners. The pods, 4 to 4 1/2 inches long, are light green in color and filled with large, sweet, tender Peas.

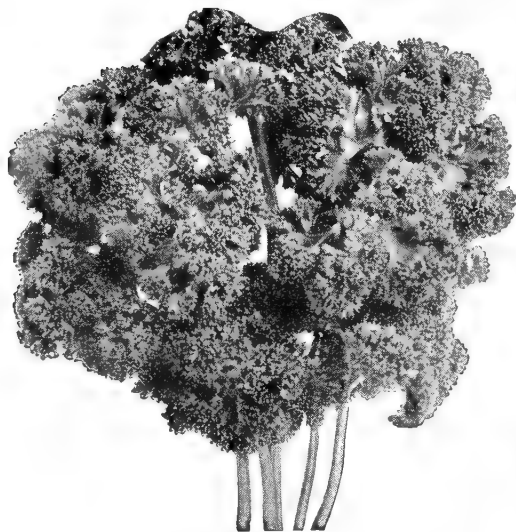
**Dwarf Grey Melting Sugar.** The pods as well as the Peas of this variety are edible and both very sweet. Gray Seed.

**Tall White Melting Sugar.** Like the dwarf, the pods as well as the Peas are eatable and both very sweet. White Seed.

**Mammoth Luscious.** Edible pod. Gray Seed.

**Black-eyed Peas.**

	Pkt.	Pt.	Qt.	1/2pk.	Pk.
PEAS, EXTRA-EARLY					
Early Bird	\$0 10	\$0 40	\$0 75	\$2 25	\$4 00
Long-podded Alaska (Bountiful)	10	40	75	2 25	4 00
Mammoth-podded Extra Early	10	40	75	2 25	4 00
Extra-Early Alaska	10	30	55	1 65	3 00
PEAS, EARLY WRINKLED					
Early Wonder	10	40	75	2 25	4 00
World's Record	10	40	75	2 25	4 00
Laxton's Progress	10	40	75	2 25	4 00
Laxtonian, Hundredfold strain	10	40	75	2 25	4 00
Thomas Laxton	10	40	75	2 25	4 00
Gradus (Prosperity)	10	40	75	2 25	4 00
PEAS, MEDIUM-EARLY WRINKLED					
Little Marvel	10	40	75	2 25	4 00
Nott's Excelsior	10	40	75	2 25	4 00
Daisy (Dwarf Telephone)	10	40	75	2 25	4 00
PEAS, LATE					
Telephone	10	40	75	2 25	4 00
Champion of England	10	40	75	2 25	4 00
PEAS, EDIBLE-PODDED					
Dwarf Grey Melting Sugar Peas	10	40	75	2 25	4 00
Tall White Melting Sugar Peas	10	40	75	2 25	4 00
Mammoth Luscious	10	50	95	2 75	5 00
Black-eyed Peas	10	35	65	2 00	



Champion Moss Curled Parsley

## PARSLEY

Sow 1 ounce of seed to 150 feet of drill

**CULTURE.** Parsley requires rich, mellow soil. The seed is even slower than that of the parsnip in germinating and should be sown as early as possible in the spring, in drills 1 foot apart. When plants are well up, thin to 1 foot in the row; when about 3 inches high, cut off the leaves and the plant will start a new growth. 70 days. Soil A. Vitamins A, C.

**Champion Moss Curled.** A distinct variety of unequalled merit, perfectly hardy and vigorous.

**Paramount.** Very handsome; dark green; beautifully curled. Hardy and productive; very slow going to seed. It can be cut the year round.

**Plain or Single.** Very hardy and strongly flavored.

**Turnip-rooted or Hamburg.** The fleshy root is used for flavoring soups, stews, etc.

## 1001 Garden Questions Answered

By Alfred C. Hottes Third Edition

388 pages; 160 illus. \$3.00, postpaid \$3.15

An amazing collection of useful information for the amateur gardener wishing to plan and manage his own home grounds. Answers to all kinds of garden questions, from what to plant on the north side of the house to what time to put waterlilies in the pool, will be found in this new and vastly improved edition.

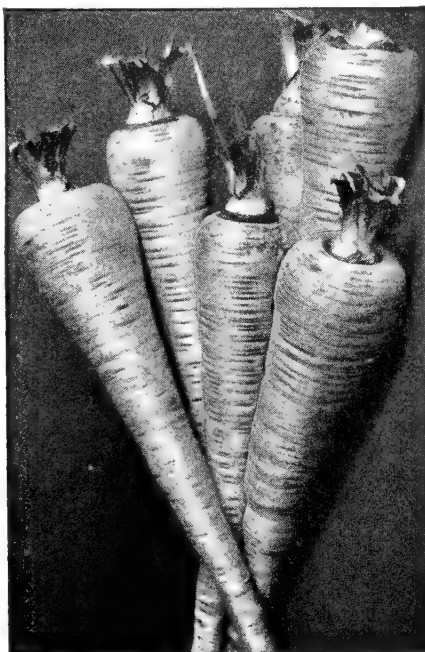
## PARSNIP

Sow 1 ounce to 200 feet of drill;  
5 to 6 pounds to an acre

**CULTURE.** Sow as early in the spring as the weather will permit, in drills 16 inches apart and  $\frac{1}{2}$  inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. 100 days. Soil B. Vitamins B, C.

**All-American.** Resembles Hollow Crown but roots slightly shorter, very free from side roots, uniform, with distinct hollow crown; tender and of fine flavor.

**Improved Hollow Crown.** A great cropper. Roots long, very smooth, white, tender, sugary, and of excellent flavor.



Improved Hollow Crown Parsnips

**SWEET PEPPER, AVALON BUTTON.** A miniature Sweet Pepper with button-shaped fruits that average about 2 inches wide by 1 inch thick. Just right for canning, fitting compactly into containers; a nice size, too, for salads or for pickling whole. The fruits are bright, glossy red. The meat is the thickest of any Sweet Pepper we have seen or grown—sweet, juicy, crisp and delicious. Seed cavity is small and seeds few. Pkt. 25c;  $\frac{1}{4}$ oz. 75c.

## PEPPER

One ounce of seed will produce 1000 plants

**CULTURE.** Sow in hotbeds in March or April, or in a warm, sheltered border in May. When the season is favorable, transplant in rows 2 feet apart and  $1\frac{1}{2}$  feet apart in row, in good, rich ground. About 120 days. Soil C. Vitamins A, B, C.

**California Wonder.** While similar both in size and shape to the Chinese Giant, this Pepper is much heavier, the meat being about three times as thick. The flavor is sweet, excellent, and the keeping quality could not be better. A medium-sized Pepper will average  $\frac{1}{2}$  pound or better in weight when ready for marketing.

**Chinese Giant.** A real monster Pepper, perfectly sweet. The fruit is green, turning to bright scarlet. Matures very late.

**Golden Dawn.** Large, very sweet yellow.

**Hungarian.** Pale yellow turning to crimson. Very prolific.

**Crimson Giant.** A large Pepper of the finest quality, the flesh being so thick and tender that it can be fried like meat and so sweet that it can be eaten like an apple. It is an early variety and is a generous producer.

**Perfection Pimiento.** Very fleshy and sweet.

**Ruby King.** Good for mangoes or pickling. Large, very sweet; quite productive.

**World Beater.** Excellent market-gardeners' sort. Early.

### Hot Varieties

**Red Cherry.** A small, round Pepper.

**Small Chili.** Small, conical pods. Very hot.

**Large Bell.** Large, early, hot, thick flesh.

**Long Red Cayenne.**

**Hungarian.** Pale yellow turning to crimson.

**PEPPER PLANTS.** Listed on page 25.

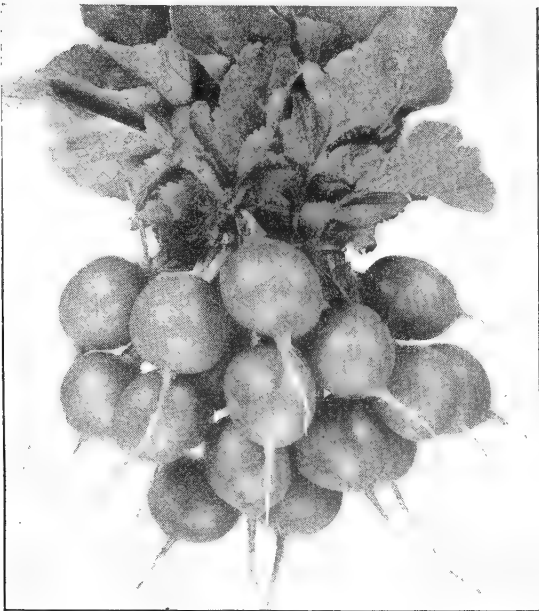
## IMPROVED JUMBO PEANUTS

**CULTURE.** Plant in May or early June, in rows about  $2\frac{1}{2}$  to 3 feet apart, dropping the nuts 8 to 10 inches apart, one in a hill. Cover 1 or 2 inches deep. Cultivate 3 or 4 times with a cultivator, so as to loosen the earth and keep down weeds, and at the last working, with a shallow turn-plow, throw the dirt to the nuts. Special price on large quantity. Soil D.



California Wonder Pepper

PARSLEY	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Paramount.....	\$0 10	\$0 20	\$0 50	\$1 50
Champion Moss Curled.....	10	15	40	1 25
Plain (Single).....	10	20	50	1 50
Turnip-rooted (Hamburg).....	10	20	50	1 50
PARSNIP				
Improved Hollow Crown.....	10	20	50	1 50
All-American.....	10	20	50	1 50
PEANUTS, M.-S. Improved Jumbo.....			15	50
PEPPER	Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb. Lb.
California Wonder.....	\$0 10	\$0 35	\$0 60	\$2 00 \$7 50
Chinese Giant.....	10	35	60	2 00 7 50
Crimson Giant.....	10	30	50	1 75 6 00
Perfection Pimiento.....	10	35	60	2 00 7 50
Ruby King.....	10	25	40	1 50 5 00
World Beater.....	10	25	40	1 50 5 00
Golden Dawn.....	10	40	75	
Large Bell Hot.....	10	25	40	1 50 5 00
Long Red Cayenne.....	10	25	40	1 50 5 00
Small Chili.....	10	25	40	1 50 5 00
Red Cherry.....	10	40	75	
Hungarian, Hot and Sweet.....	10	50	1 00	



Early Scarlet Globe Radishes

## RADISH

### SELECTED SEED

Sow 1 ounce of seed to 50-foot drill;  
10 pounds in drills to an acre

**CULTURE.** To be tender and crisp Radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days. May also be sown as a catch crop between rows of beets, lettuce, onions, etc. Radishes can be forced in hotbeds, but must have plenty of ventilation and moisture. *Soil B. Vitamins B, C, G.*

### Early Varieties

25 to 30 days

**Early Scarlet Globe.** Can be used for forcing and regular outdoor planting. Small, round, red; with rich, crisp, tender flesh.

**Early Long Scarlet Short-Top.** Long red roots and short leaves.

We pay postage on packets, ounces, and 1/4 pounds. For larger quantities consult chart on page 1.



Summer Crookneck Squash

**Early French Breakfast.** Rapid grower. Oblong shape; very mild and tender; beautiful scarlet color, tipped with white.

**Icicle.** Slender, smooth, pure white roots that average about 6 to 7 inches long when matured. Quite early and of excellent quality.

**Long White Vienna or Lady Finger.**

**New Glass or Cincinnati Market.** A long scarlet Radish with a distinctive white tip. Fine for home-garden as well as an attractive one for market stall.

**White-tipped Scarlet Globe.** A good, very early forcing variety. Small; bright scarlet with white tip; good quality.

**White Turnip or Box.** Stays tender and crisp.

### Summer Radishes

**Large White Stuttgart.** Very large, top-shaped; flesh and skin white, fine quality, firm, and brittle, seldom pithy. Can be stored for winter.

**White Strasburg.** Handsome; oblong, tapering; skin and flesh pure white, firm, brittle, tender, retains its crispness even when roots are old and large. Withstands severe heat and grows quickly.

### Winter Varieties

60 days. Plant after August 15 and through September

**China Rose or Scarlet China.** Bright rose-colored, stump-rooted Radish of excellent quality.

**Long Black Spanish.** Large Radish with black skin and white, firm flesh. Grows 6 to 8 inches long.

**Round Black Spanish.** Like the above, except that it is round.

**White Chinese or New Celestial.** Large stump-rooted; white skin and flesh, mild in flavor, brittle and never woody. A splendid keeper.

## SQUASH

**Bush Sorts:** Sow 1 ounce of seed for 50 hills; 5 to 6 pounds to an acre. **Running Varieties:** 3 to 4 pounds in hills to an acre

**CULTURE.** Plant in hills, as for cucumbers and melons, the bush kinds 3 to 4 feet apart, the running kind 6 to 9 feet apart. *Vitamins A, B, C, G.*

### RUNNING VARIETIES

**Blue Hubbard.** A selection from the original Hubbard. Fruit large, ray-blue, remarkably good keeper and excellent quality. Running variety. Late.

**Hubbard.** An excellent keeper of splendid quality. Vines of strong, running growth. Large, olive-shaped fruits with dark green skin; rich flesh. Late.

**Golden Hubbard.** Like the above but of a beautiful orange-red color. Late.

**Boston Marrow.** Large, oval, hard-shelled sort, highly esteemed for winter use. Bright orange skin and deep orange flesh. Strong running growth. Late.

### BUSH VARIETIES

**Early White Bush.** Round scalloped fruit.

**Giant Yellow Straightneck.** Like Crookneck, but straight and thicker.

**Green-tinted Bush.** Particularly desirable for market gardeners on account of its green-tinted, well-scalloped, uniform, small-sized fruit.

**Summer Crookneck, Bush Variety.** About 1 foot long, with crooked neck; bright yellow, warty shell, hard when ripe.

**Acorn or Table Queen.** A green-shelled variety resembling an acorn in shape; orange flesh. Weighs about 1 pound. Used when mature; cut in half, it bakes dry and sweet. Very prolific. 58 days.

**Zucchini.** See Vegetable Marrow, page 24.

**Cocozelle.** See Vegetable Marrow, page 24.



Green-tinted Bush Squash

### RADISH, EARLY VARIETIES

	Pkt.	Oz.	1/4lb.	Lb.
Early Scarlet Globe.....	\$0 10	\$0 15	\$0 25	\$0 90
French Breakfast, Early.....	10	15	35	1 00
Early Long Scarlet Short-Top.....	10	15	35	1 00
Icicle.....	10	15	35	1 00
Long White Vienna (Lady Finger).....	10	15	35	1 00
New Glass (Cincinnati Market).....	10	15	35	1 00
White-tipped Scarlet Globe.....	10	15	35	1 00
White Turnip or Box.....	10	15	35	1 00

### RADISH, SUMMER VARIETIES

White Strasburg.....	10	15	40	1 25
Large White Stuttgart.....	10	15	40	1 25

### RADISH, WINTER VARIETIES

Long Black Spanish.....	10	15	40	1 25
Round Black Spanish.....	10	15	40	1 25
China Rose (Scarlet China).....	10	15	40	1 25
White Chinese (New Celestial).....	10	15	40	1 25

### SQUASH

Early White Bush.....	10	20	50	1 50
Green-tinted Bush.....	10	20	50	1 50
Summer Crookneck, Bush Variety.....	10	20	50	1 50
Giant Yellow Straightneck.....	10	20	50	1 50
Hubbard.....	10	20	60	2 00
Golden Hubbard.....	10	20	60	2 00
Boston Marrow.....	10	15	40	1 25
Blue Hubbard.....	10	20	60	2 00
Acorn (Table Queen).....	10	20	50	1 50

## POTATOES

Maine-grown U. S. Certified

Prices subject to market fluctuations. Prices on bag lots or larger quantities on application.

Present price of all kinds, peck and bushel lots, \$1.00 per pk.; \$3.50 per bus.

If wanted by Parcel Post, add 41c to pk.; \$1.31 to bus. for 1st and 2d Zones. For other Zones, consult chart on page 1.

**CULTURE.** Planting may commence as early in the spring as the ground can be worked. Place one piece every 1 foot in rows 2½ feet apart, covering about 4 inches. When cutting the seed, allow two eyes to each piece. *Soil D.*

Plant 8 to 10 bushels of Seed Potatoes per acre

**Chippewa.** Originated by U. S. Dept. of Agric. Seven to ten days later than Irish Cobbler. Immune to mosaic and superior to Cobbler in smoothness and whiteness.

**Irish Cobbler.** An early Potato of exceptional merit which has given our trade entire satisfaction. Round; flesh white; eyes strong and deeply set.

**Katahdin.** Originated by U. S. Dept. of Agric. Handsome, shallow-eyed, glossy, white-skinned variety that matures a little earlier than Green Mountain. Beats all varieties in uniformity of shape, size, and general appearance.

**Sebago** (Certified). Medium early. Round, white skinned, smooth, shallow eyed, medium size, blight resistant. A heavy yielder.

**Red Bliss.** Very early. Thin, red skin; round; white flesh.

**Pontiac.** Late. Red skin.

**Improved Green Mountain.**

**CHOICE SEED SWEET POTATOES.**

Leading varieties. Prices on application.

**SWEET POTATO PLANTS.** See page 25.

**Dormatone.** To keep Potatoes in storage from sprouting. See page 46.

FOR LARGER CROPS, DIP WITH SEMESAN BEL



Katahdin Potatoes



Green-striped Cushaw Pumpkin

## PUMPKIN

We pay postage on packets, ounces, and ¼ pounds. See chart on page 1.

Sow 1 ounce to 15 hills; 3 to 4 pounds to an acre

**CULTURE.** Sow in the month of May. Make hills the same as you do for squashes but do not make them too close. About 85 days. *Soil D. Vitamins A, B, C, G.*

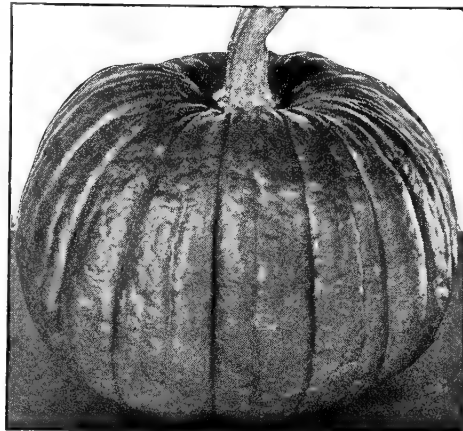
**Connecticut Field Pumpkin.** Very productive; for feeding stock.

**Cushaw or Winter Crookneck.** An old standard variety which is very popular. It is also used for feeding stock. Long, yellow crookneck, fine-grained yellow flesh, very solid.

**Cushaw Striped.** Same as above, but it is green and white striped.

**Oriental Pie.** Flesh very thick, rich salmon color, fine grain, dry and sweet.

**King of the Mammoths or Pot Iron.** An immense variety, which always wins the prize offered for the largest and best Pumpkins; grown to weigh over 200 pounds. Flesh of a rich, golden yellow; a splendid keeper.



Sugar Pie Pumpkin

**SUGAR PIE.** These Pumpkins are small but are of the best quality, with very sweet, fine-grained flesh which makes the very finest of pies.

**Tennessee Sweet Potato.** Pear-shaped, medium size; flesh and skin creamy white, fine grained, sweet. A first-rate keeper.

**Winter Luxury.** A very good keeper and a splendid pie Pumpkin; shape round; skin finely netted and beautiful russet-yellow color; flesh thick.



Myatt's Victoria Rhubarb

## RHUBARB

**CULTURE.** Sow seed in a coldframe, in a fine, rich sandy loam, about March 1, in drills 4 inches apart. Keep the frames covered during nights and cold days, so that the soil will not freeze, and in 6 to 8 weeks the plants will be large enough to set out in the open ground. Transplant to rich soil and set 1 foot apart in rows. The following spring transplant to a permanent location, setting 4 to 5 feet apart each way. In good soil Rhubarb is ready to use the second year from seed.

If our 2-year-old roots are used, a crop may be had the same season, which is much better than sowing seed where only a few plants are needed for family use. In the fall the bed should have a thick dressing of coarse manure to be spaded under in spring. *Soil B.*

**Myatt's Victoria.** The leading variety.

**RHUBARB ROOTS.** See page 25.

## SORREL or SOUR GRASS

**CULTURE.** Sow in spring in rich soil, in drills 1½ feet apart, and keep the flower-stems cut off as they appear. It remains in the ground year after year, and only needs to be taken up and divided once in 4 to 5 years. Cut and cook precisely like spinach; or it is excellent cooked with it, one-third Sorrel to two-thirds spinach. It is also used for soups. Inasmuch as the hot sun tends to increase its acidity, a northern exposure is preferable.

**Broad-Leaf**

PUMPKIN	Pkt.	Oz.	¼lb.	Lb.
King of the Mammoths (Pot Iron)	\$0 10	\$0 25	\$0 60	\$2 00
Cushaw (Winter Crookneck)	10	20	50	1 50
Cushaw Striped	10	20	50	1 50
Oriental Pie	10	20	50	1 50
Tennessee Sweet Potato	10	20	50	1 50
Winter Luxury Pumpkin	10	20	50	1 50
Sugar Pie	10	20	50	1 50
Connecticut Field Pumpkin	10	15	40	1 25
<b>RHUBARB</b>				
Myatt's Victoria	10	30	1 00	3 00
<b>SORREL (Sour Grass)</b>				
Broad-leaf	10	35	1 15	3 50

ALL PRICES ARE SUBJECT TO CHANGES



## TOMATOES SURE-CROPPING

Packets, ounces, and 1/4pounds of Tomato Seed sent postpaid.

For larger quantities, consult chart on page 1.

One ounce of seed will produce 1500 plants; 1/4pound for transplanting an acre

**CULTURE.** Seed should be sown in a hotbed the first week in March or latter part of February, in drills 5 inches apart and 1/2 inch deep. When plants are 2 inches high they should be set into small pots. About May 1 the plants may be set out in hills 3 to 4 feet apart each way. From 60 to 100 days from setting plants to ripe fruit. Soil C. Vitamins A, B, C, G.

**BLIGHT-RESISTANT SOUTHLAND.** A prolific midseason variety resistant to collar rot and fusarium wilt, producing well-shaped fruit of about Rutgers size.

**HYBRID TOMATO SENSATION.** Fruit of Rutgers type is scarlet-red, globe shaped, meaty and of excellent quality. Valuable for home and market. Pkt. (about 50 seeds) 25c; 5 pkts. \$1.00.

### STOKESDALE TOMATOES

Bred for purity, quality, productiveness. All Certified

**VALIANT.** Extra early. Extra solid. Extra large. A Stokes introduction. Remarkable for its long bearing period.

**MASTER MARGLOBE.** Strain 6. Large and productive.

**RUTGERS.** Globe-shaped, quite large, with flesh firm, red, and very solid. Ripening begins at the center, insuring good color.

All three above, pkt. 10c; 1/2oz. 35c; oz. 60c; 1/4lb. \$2.00; lb. \$6.50

### Extra-Early Varieties

**Pritchard or Scarlet Topper.** Heavily productive, wilt-resistant introduction of superior merit for home and market garden, shipping and canning. Fruits large, globe-shaped, scarlet and well colored about the stem end; flesh firm and of fine quality. 75 days.

### Second-Early Varieties

**Wisconsin 55.** This variety was developed by the Wisconsin Agricultural Experiment Station. Cannors in some areas are finding it well adapted to their specific uses because of its fleshy, well-colored fruit and high yield. Fruit large, flattened globe, scarlet-red, seems to be free from cracking, fleshy, firm and of good flavor. 75 days. Vines vigorous, open and spreading but with fairly dense foliage. A good producer.

**Bonny Best.** A most profitable variety for early and main crop.

### Main-Crop Varieties

**Garden State.** This fine variety is popular for whole canning, juice and catsup. It is somewhat similar to Rutgers but the plant growth is more compact and the fruit slightly flatter. Garden State will mature most of its heavy crop during the early part of the bearing season. The leaves and stems have shown ability to resist and survive late blight. Vines medium large, very productive. Fruit oblate, scarlet-red, firm and of fine quality. 84 days.

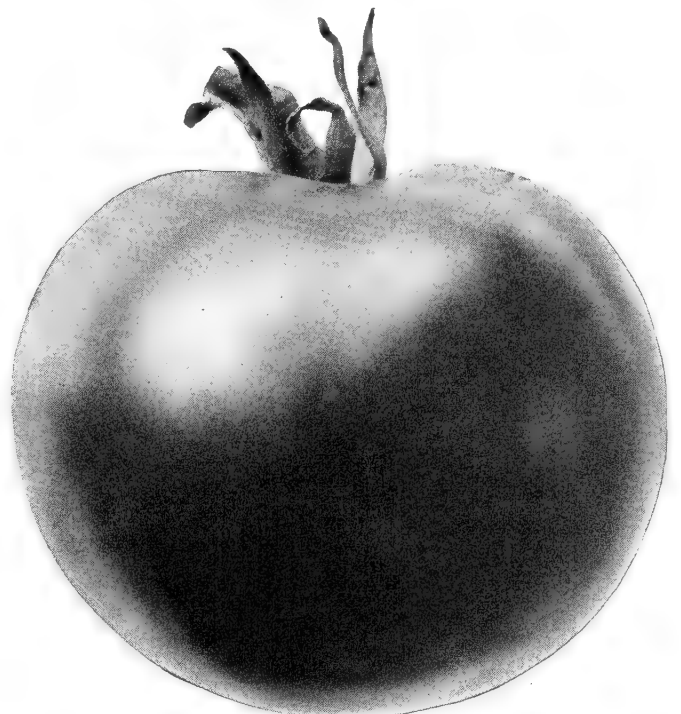
**Greater Baltimore.** An improved strain of Greater Baltimore. Fruits flat but thick, deep scarlet, medium large, solid and firm. Wilt-resistant. 83 days from setting plants to marketable fruit.

**Marglobe.** (Certified.) Vigorous plants bear a wonderful crop of uniformly globe-shaped, large deep scarlet fruits. The flesh is bright red, solid, meaty and juicy.

**New Stone.** So well known that it needs no description.

**Beefsteak.** Resembles Ponderosa in many ways, except that the fruits are a rich scarlet-red color.

**Oxheart.** The largest Tomato ever introduced; fruits weigh up to 1 1/2 pounds. Skin is purplish scarlet, smooth and evenly colored. The shape is most distinct. Extremely solid and has few seed cells.



Certified Rutgers Tomato

**CERTIFIED RUTGERS.** This unusual Tomato is from the New Jersey Agricultural Experiment Station. It is globe-shaped, quite large, with flesh firm, red, and very solid. Ripening begins at the center, insuring good color throughout. Fills all requirements. An excellent main-crop variety.

**Ponderosa.** Large, solid purple Tomato, fairly smooth. Quite free from acid.

**Golden Queen.** Yellow; large and solid.

**Jubilee.** A superb new orange Tomato with perfectly smooth, round fruit weighing about 6 ounces each. The interior is of equally bright orange-yellow color. Juicy, with few seeds and of a delightful sub-acid flavor. 72 days. (Seed scarce.)

**White Beauty.** Contains less acid than any other variety. Its firm white flesh has no trace of red; the flavor is all that can be desired. (Seed scarce.)

**TOMATO PLANTS.** See page 25.

### Preserving Varieties

**Husk or Strawberry, Peach, Red Cherry, Red Pear, Yellow Pear, Yellow Plum.**

TOMATOES, EXTRA EARLY VARIETIES	Pkt.	1/2oz.	Oz.	1/4lb.	Lb.
Valiant and Early Canner. See elsewhere on this page.					
Pritchard (Scarlet Topper). Early.....	\$0 10	\$0 25	\$0 40	\$1 25	\$4 00
TOMATOES, SECOND-EARLY VARIETIES					
Bonny Best.....	10	30	50	1 50	5 00
Wisconsin 55.....	10	35	60	2 25	8 00
TOMATOES, MAIN-CROP					
Garden State.....	10	35	60	2 25	8 00
Marglobe (Certified).....	10	25	45	1 35	4 50
Certified Rutgers.....	10	25	45	1 35	4 50
New Stone.....	10	25	40	1 25	4 00
Greater Baltimore.....	10	25	40	1 25	4 00
Ponderosa.....	10	60	1 00	3 00	10 00
Beefsteak.....	15	60	1 00	3 00	10 00
Oxheart.....	25	85	1 50		
Golden Queen.....	10	60	1 00		
Jubilee.....	25				
White Beauty.....	25				
Sensation Hybrids..... 5 Pkts. \$1.00.....	25				
Southland..... 1/2oz. 75c..	15	60	1 00	3 00	10 00
TOMATOES, PRESERVING VARIETIES					
Yellow Pear-shaped.....	10	35	60	2 50	
Yellow Plum-shaped.....	10	35	60	2 50	
Red Pear.....	10	30	50		
Peach.....	10	30	50		
Husk (Strawberry).....	10	40	75		
Red Cherry.....	10	35	60		

### Famous Tomato Seed Grown by Glick



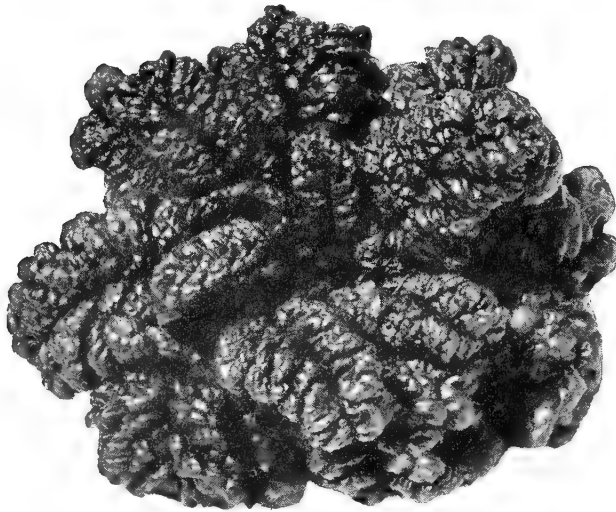
Glick's Seeds are grown on Glick's Farms, where disease is unknown, and entirely isolated from any commercial Tomato-growing section. It is supervised on a strictly quality basis for planters of the better class.

**IMPROVED MARGLOBE.** Pennsylvania Certified. Seed very scarce.

**IMPROVED RUTGERS.** Pennsylvania Certified.

**EARLY CANNER.** A week ahead of Rutgers. Fruit deep red and solid. Excellent bearer.

The three above, pkt. 15c; 1/2oz. 45c; oz. 85c; 1/4lb. \$3.00; lb. \$9.50



Reselected Bloomsdale Savoy-leaved Spinach

Packets, ounces, and ¼ pounds sent postpaid. For larger quantities consult chart on page 1.

## SALSIFY or OYSTER PLANT

Sow 1 ounce of seed to 70 feet of drill; about 8 pounds to an acre

**CULTURE.** Sow as early as ground can be worked in spring, in drills 1 inch deep, and thin out to 6 inches in the row. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump. The roots are cut into pieces ½ inch long, boiled until tender, and then served with drawn butter, in which way it is a delicious vegetable. They are also mashed and baked like parsnips and have a sweet and agreeable flavor like that of the oyster. 110 days. Soil C. Vitamin C.

**Mammoth Sandwich Island.** An improved type and the largest and most profitable Salsify now in cultivation. The roots are white and smooth.

## TAMPALA

A recent introduction from China and India. Better than spinach or chard, and does well in hot weather. Easy to grow, in rows 2 feet apart. Plants should stand 2 feet apart. As greens, ready to eat in six weeks. Fordhook. New. Red. New.

## SPINACH

Sow 1 packet of seed to 50 feet of drill; 15 to 20 pounds to an acre

**CULTURE.** Sow in early spring, in drills a foot apart, every 2 weeks for a succession, and, as it grows, thin out for use. For fall use, sow in August, and for winter crop in September. Cover that which is left over winter with straw or leaves after the weather becomes quite cold. Sow seed of New Zealand in hills 2 feet apart each way, 3 or 4 seeds in a hill. 45 to 55 days. Soil B. Vitamins A, B, C, G.

**Dark Green Bloomsdale.** A better and darker strain of the well-known Reselected Bloomsdale. Its darker color gives the leaves fresh appearance for a longer time after being cut than ordinary Bloomsdale.

**RESELECTED BLOOMSDALE SAVOY-LEAVED.** The popular fall Spinach so largely grown for market. Grows upright, the leaves being crumpled, dark green, and very thick.

**New Long-standing Bloomsdale.** It is almost as early and quick-growing as the old Bloomsdale, but it will stand in marketable condition 10 to 14 days longer before going to seed.

**Old Dominion.** A blight-resisting Long-standing Spinach for fall sowing.

**Virginia Blight-resisting Bloomsdale Savoy.** Although of lighter color and not as heavily crumpled as Reselected Savoy, this strain is absolutely blight-proof and will succeed where the older variety blights.

**New Zealand.** Thrives during the hottest weather in any soil, rich or poor. The tender tips may be cut every few days till frost. When the ground is thoroughly warm, soak seed for 24 hours and plant 4 seeds in hills 2 feet apart each way.

## TURNIP

Sow 1 packet of seed to 100 feet; 2 pounds to an acre

**CULTURE.** For early use, sow as soon as the ground opens in spring; thin out to 6 to 9 inches in the rows. For a succession, continue to sow in July and August. The Rutabagas are grown for feeding stock and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown; store in a cool cellar or pit, or pile up in a conical form outdoors, in dry ground; cover carefully with long straw and finish by earthing up, covering them with about 12 to 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring. 50 to 75 days. Soil C. Vitamins A, B, C, G.

**Purple-Top Yellow Aberdeen.** Medium size; round; pale yellow; tender and sugary. Hardy, productive, and keeps well. An esteemed variety for stock.

**Red or Purple-Top White Globe.** Globular shape; very handsome; of superior quality. Heavy producer; early; of rapid growth and an excellent keeper.

**White Egg.** Quick-growing; egg-shaped.

**White Milan.** Very early. Pure white; sweet and tender. Short tops, flat.

**Extra-Early Purple-Top Flat Strap-leaved.** White fleshed.

**Yellow or Amber Globe.** Excellent for table use or stock. Green top.

**Cow Horn.** A long, white, carrot-shaped Turnip which grows half out of the ground. Mostly used for feeding stock, but makes a fine table sort.

**Seven-Top.** Grown exclusively for its tops and when properly prepared and cooked makes a fine dish. Withstands our winter without any protection.

**Shogoin.** Salad Turnip. Resists insects and can be grown in hot weather. Makes a Turnip 2 to 3 inches in diameter.

**RUTABAGA. Golden Neckless Purple-Top.** Improved strain without neck. Tops rather short, but good-sized root. Flesh deep yellow and fine-grained.

**RUTABAGA. Improved Purple-Top.**

## TOBACCO SEED

**Posey's Medium Broad-leaf.** The popular Tobacco for southern Maryland. One ounce sows 200 to 250 square yards and should produce enough plants for five acres. Disease resistant.

**Bonanza.** A broad-leaved bright Tobacco that is especially adapted to the sandy soils of Maryland and Virginia. Certified.

**Virginia Bright.** On sandy soil it makes a wide leaf of good length. Certified

## VEGETABLE MARROW

**Black Zucchini.** Bush type. Fruits weigh 5 to 6 pounds, cylindrical, slightly fluted, dark black-green; flesh greenish white and of good flavor.

**Zucchini Caravazzi.** Similar to the above, but the color is light green. Great favorite with the Italians.

**Cocozelle di Napolie.** Grows about 20 inches long with a diameter of 3 to 4 inches. Skin smooth, dark green, marbled yellow or pale green. Fine flavor. Bush type.



Red or Purple-Top White Globe Turnip

	Pkt.	Oz.	¼lb.	Lb.
<b>SALSIFY (Oyster Plant)</b>				
Mammoth Sandwich Island	\$0 10	\$0 30	\$1 00	\$3 50
<b>SPINACH. Special prices on larger quantities.</b>				
Reselected Bloomsdale Savoy-leaved	10	15	25	60
Dark Green Bloomsdale	10	15	25	60
Virginia Blight-resisting Bloomsdale Savoy	10	15	25	60
Old Dominion	10	15	25	60
New Long-standing Bloomsdale	10	15	25	60
New Zealand	10	20	40	1 25
TAMPALA	15	3 50		
Fordhook and Red	25			
<b>TOBACCO SEED</b>				
Bonanza and Virginia Bright	10	75	2 50	8 00
Maryland Medium Broad-leaf	15	1 25		
<b>TURNIP</b>				
Red or Purple-Top White Globe	10	15	35	1 00
Extra-Early Purple-Top Flat Strap-leaved	10	15	35	1 00
Golden Neckless Purple-Top Rutabaga	10	15	35	1 00
White Egg	10	15	35	1 00
White Milan	10	15	35	1 00
Yellow or Amber Globe	10	15	35	1 00
Cow Horn	10	15	35	1 00
Seven-Top	10	15	20	75
Shogoin (Salad Turnip)	10	15	35	1 00
Improved Purple-Top Rutabaga	10	15	35	1 00
Purple-Top Yellow Aberdeen	10	15	35	1 00
<b>VEGETABLE MARROW</b>				
Black Zucchini	10	20	50	1 50
Cocozelle di Napolie	10	20	50	1 50
Zucchini Caravazzi	10	20	50	1 50

# VEGETABLE PLANTS AND ROOTS

NO PLANTS SENT C. O. D. We cannot send plants out of the State of Maryland

On all plants wanted by mail, add 10c per doz.; 20c per 100; 50c per 1000, except as noted below.

All of our plants are produced from our **Sure-Growing Seeds**, and will give wonderful results under ordinary weather and soil conditions. If wanted in larger quantities, write for special quotations. The time when plants are ready is greatly controlled by the season; the specified time is the earliest date under favorable conditions.

## Asparagus Roots (Ready March and April)

**Mary Washington.** Dark green stalks. 2-yr. roots, 50c per doz.; \$2.75 per 100; \$20.00 per 1000. If wanted by mail, add 15c per doz.; 30c per 100; 90c per 1000.

## Borecole Plants (Ready May to July)

20c per doz.; \$1.50 per 100; \$10.00 per 1000

## Broccoli Calabrese Plants (Ready May to July)

25c per doz.; \$1.50 per 100; \$10.00 per 1000

## Brussels Sprouts (Ready May to July)

**Matchless Improved.** 25c per doz.; \$1.50 per 100; \$10.00 per 1000.

## Cabbage Plants (Ready April to July)

**Early Flat Dutch and Jersey Wakefield.** From hotbeds, 20c per doz.; 75c per 100; \$5.00 per 1000.

**Late Flat Dutch and Savoy.** (Ready May 15.) 20c per doz.; 75c per 100; \$5.00 per 1000.

## "Frost-Proof" Cabbage Plants (Ready February to May)

**Charleston or Large Wakefield**      **Early Flat Dutch**  
**Marion Market**                      **Copenhagen Market**  
**Wisconsin, all season**              **Golden Acre**

Postpaid: 75c per 100; \$1.00 per 200; \$2.00 per 500; \$3.00 per 1000.

Express collect: 1000 to 4000 @ \$2.00 per 1000; 5000 to 9000 @ \$1.75 per 1000; 10,000 or over @ \$1.50 per 1000.

## "Frost-Proof" Onion Plants (Ready February to May)

Be sure to order some when ordering "Frost-proof" Cabbage Plants, as they should be planted at the same time.

**Yellow Bermuda**      **Sweet Spanish**      **Crystal Wax**  
Postpaid: 75c per 200; \$1.50 per 500; \$2.50 per 1000.

Express collect: Same prices as cabbage.

## TRAIN-ETTS

### New Weatherized TRELLIS NETTING

*Ideal Support for SWEET*

**PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES**

Grows finer, larger flowers and vegetables. Hung with ease in five minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.)

**Doesn't rot like string—lasts several seasons.** No. 1, 60 x 72 in. 65c; No. 2, 60 x 96 in. 85c; No. 3, 60 x 180 in. \$1.25, postpaid.

## 1001 GARDEN QUESTIONS ANSWERED

By Alfred C. Hottes. 3d Edition. 388 pages; 160 illus. \$3.00, postpaid \$3.15. Written in the popular form of questions and answers so that information may easily be found. Covers all phases of gardening on the home grounds except fruits and vegetables. The well-arranged index guides the reader to the answer to his problems. Invaluable to all amateur gardeners.

## Cauliflower Plants (Ready April and July)

**Snowball Variety Only.** From hotbeds. 25c per doz.; \$1.50 per 100.

## Celery Plants (Ready in July)

**Golden Heart**      **Giant Pascal**      **Winter Queen**  
**White Plume**      **Golden Self-blanching**  
25c per doz.; \$1.50 per 100; \$10.00 per 1000

## Eggplants (Potted) (Ready in May)

10c each; \$1.00 per doz.; \$8.00 per 100. Best sent by Express. If wanted by mail, add 2c to each plant

## Horseradish Roots (Ready in March)

Large, strong cuttings, 40c per doz.; \$2.50 per 100

## Pepper Plants (Ready in May)

**Large Sweet.** Hotbed grown, 25c per doz.; \$1.50 per 100. Potted plants, 10c each; \$1.00 per doz.; \$8.00 per 100. If wanted by mail, add 2c to each plant.

## Rhubarb Roots (Ready March and April)

Strong roots. 15c each; \$1.50 per doz. If wanted by mail, add 5c to each; 25c per doz.

## Sweet Potato Plants (Ready in May)

**Yellow Big-Stem and Maryland Golden.** 20c per doz.; \$1.25 per 100; \$10.00 per 1000.

## Tomato Plants (Ready latter part of April to June)

**POT-GROWN PLANTS. In the following varieties only—**  
**Marglobe**      **Stokesdale**  
**Valiant**      **Rutgers**

10c each; \$1.00 per doz.; \$8.00 per 100. If wanted by mail, add 2c per plant

## HOTBED PLANTS—

**Ponderosa**      **Marglobe**      **Stokesdale**      **Rutgers**      **Beefsteak**  
20c per doz.; \$1.00 per 100; \$6.00 per 1000.

## SOUTHERN PLANTS—

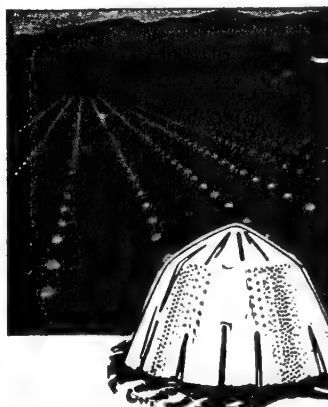
**Marglobe**      **Rutgers**      **Pritchard**

Postpaid: 75c for 50; \$1.00 per 100; \$3.00 per 500; \$4.50 per 1000.

Express collect: 1000 to 4000 @ \$3.50 per 1000; 5000 to 9000 @ \$3.25 per 1000; 10,000 or over @ \$3.00 per 1000; 100,000 or more, prices on application.

**For Tomato Cocktail, Red Cherry.** Bears in clusters. Served in ice, whole, with toothpick inserted. Very delicious. 25c per doz.

## Germaco Hotkaps



These can make you extra dollars this season. They protect plants from frost, wind, rain, insects, and ground-crusting. Thus, they produce harder, quicker crops. You get higher prices.

1000-lots \$18.35; 5000-lots at \$18.20 per 1000; 10,000-lots at \$18.05 per 1000; 25,000-lots at \$17.90 per 1000.

250 Trial package, including Setter \$5.90, postpaid \$6.25.

If you need Hotkaps for your backyard garden, note these prices. 100 with Garden Setter \$3.15, postpaid \$3.40. Home Garden Package, 25 Hotkaps and Setter, 95c, postpaid \$1.10. Steel Hotkap

Setter \$1.95, postpaid \$2.20. Fibreboard Setters 20c, postpaid 35c.

## Reliable Grass, Forage and Clover Seeds

If Grasses are wanted by Parcel Post, allow for postage. Prices on Grasses subject to market changes.  
Write for samples and prices of larger quantities of all seed listed on this page

**Permanent Pasture Mixture.** Either for low or upland. It is made up of grasses best calculated to afford an abundant and nutritious food supply for stock. The formulas are based upon successful experience. For all ordinary permanent pasturage, they will be found entirely satisfactory. When ordering state if for low or upland. Lb. 50c.

Lawn Grass Mixtures listed on second cover page.

**Creeping Bent Grass.** Especially adapted for putting-greens and wherever a velvet-like lawn is wanted. Lb. \$1.25.

**Italian Rye Grass.** The ideal grass to sow in the fall on crab-grass-infested lawns; it will quickly make them green. Lb. 25c.

**Blue Grass, Fancy Kentucky** (*Poa pratensis*). Our stock of this is extra fine, thoroughly re-cleaned. Sow 3 to 5 bushels per acre on lawn; 2½ to 3 bushels on pasture fields. 14 lbs. to bus. Lb. 90c.

**Timothy** (*Pbleum pratense*). Sow ½ bushel per acre alone; with clover, 1 peck. 45 lbs. to bus. Lb. 25c.

**Perennial Rye Grass** (*Lolium perenne*). This makes the quickest returns in growth of any grass, is deep rooted, and is readily established. Sow 2½ bushels per acre. 20 lbs. to bus. Lb. 35c.

**Red Fescue, Creeping.** A splendid grass for golf links, tennis courts, etc.; will resist droughts. 8 lbs. to 1000 sq. feet. Lb. \$1.00.

**Red-Top Fancy Recleaned** (*Agrostis vulgaris*). This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 40 pounds per acre. 32 lbs. to bus. Lb. 75c.

**Alta Fescue.** An improved strain of tall Fescue, related to Meadow Fescue but a better forage producer. It is excellent in pasture and is noted for high yields of forage. Will tolerate poorly drained conditions and improve the soil. The plant is a deep-rooted, tufted perennial grass, with dark green basal leaves and few seed stalks. It has a long growing season and is one of the few grasses remaining green throughout the season. Alta Fescue is also finding a place as a turf plant on airfields and roadsides. Lb. 90c.

**Chewing's Fescue.** Shade Grass. For shady situations in parks and densely shaded lawns, this grass has no superior. It produces a firm and attractive turf where few other grasses can exist. Recommended for sandy soil. 8 lbs. to 1000 square feet. Lb. \$1.00.

**Meadow Fescue** (*Festuca pratensis*). Sow 40 to 50 pounds per acre. 22 lbs. to bus. Lb. 60c.

**Orchard Grass** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 pounds per acre. 14 lbs. to bus. Lb. 45c.

**Broom Corn** (*Sorghum vulgare*). Succeeds in a good, deep soil, fresh but not damp; very sensitive to cold. Long brush evergreen, which is made into brooms. 50 lbs. to bus. Lb. 35c.

**Poa Trivialis.** Rough-stalked Meadow Grass. Grows well in damp, rich, non-acid soils and is useful in shady places. Lb. 90c.

**Cowpeas** (*Vigna Catjung*). Valuable in this latitude as a fodder plant. Their chief value, however, is as a green crop to plow under. The seed should not be sown till the ground has become warm. Sow 2 bushels per acre broadcast, 1 bushel in drills. Bushel price on request.

**Soja Bean** (*Glycine hispida*). Mammoth Yellow and Wilson Black thrive well in our climate. Valuable for the South. Do not make good hay, but good for ensilage or green fodder. Sow 1½ bushels per acre alone or ½ bushel Soja Beans with 1 bushel Cowpeas. Yields as high as 20 tons of green feed per acre. Lb. 10c.

**Sudan Grass.** A tall annual grass, growing 6 to 8 feet high when drilled, but when sown broadcast thickly does not grow quite so tall. Every farmer and stock-raiser should learn about this wonderful grass, as it is eaten by all kinds of stock and will produce more hay to the acre than any other grass that has ever been introduced. Allows three to four cuttings, and produces 2 to 5 tons per acre, depending on the soil. Can either be drilled at the rate of 2 to 3 pounds per acre in 3-foot rows or broadcast at the rate of 10 to 20 pounds per acre. Plant from March to August. Lb. 20c.

**Sweet Sudan Grass.** An improvement on the above, because of its sweetness. Increases milk and meat production. Do not pasture until 24 in. high as the sugar does not start setting below that height. Lb. 25c.

**Edible Soy Bean.** For description and price, see page 7.

**Peas, Canadian Field.** 60 lbs. to bus. Lb. 15c.

**Golden Millet** (*Panicum miliaceum* var.). An improved variety, medium early, growing 3 to 5 feet high. Heads are closely condensed, though the spikes are very numerous. Sow 40 to 50 pounds broadcast to the acre. 50 lbs. to bus. Lb. 15c.

**Buckwheat.** In the locality of Baltimore this is sown anywhere from June 1 to July 15; 1 bushel (48 lbs.) broadcast to the acre. Qt. 25c; pk. \$1.00.

### Sorghum • Sugar-Cane

Ideal cattle food. Sow 1 to 2 bushels, broadcast, 25 pounds to the acre in drills. 50 lbs. to bus.

**Early Amber.** Grows 10 to 13 feet high. Fine for cows; either green or cured. Lb. 15c.

**Early Orange.** Ripens about 10 days after Early Amber, and is said to produce a larger crop. Lb. 15c.

**Sunflower, Large California.** Lb. 25c.

### Vetch, Spring or Winter

**Sand, Winter, or Hairy Vetch** (*Vicia villosa*). Thrives on poor, arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high, and can be cut as soon as the bloom appears and again for the seed. Perfectly hardy. Sow 20 to 40 pounds to the acre. Price variable. Lb. 35c.

**Spring Vetch.** Not hardy; sow in spring only. Lb. 20c.

### Rape

**Dwarf Essex, English** (*Brassica Napus*). Is excellent for sheep and hog pasture and chicken-yards, also for soiling. It may be sown in May and will be ready for pasturing in July and August. In drills, sow 5 pounds to the acre; sown broadcast, 10 pounds to the acre. Lb. 25c.

### WHEAT, RYE, OATS, & BARLEY

Of the most popular varieties, quoted on request

## Clover Seeds

**Kansas Alfalfa** (*Medicago sativa*). Requires deep, rich, well-drained soil. Roots very deeply, the tap-root descending often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. Should be sown alone (about the same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It is also successfully sown as late as August and up to the middle of September. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial and several crops may be cut every year. Height 1 to 3 feet. Lb. 75c.

**Alsike or Hybrid Clover** (*Trifolium hybridum*). A perennial, 1 to 3 feet high. Grows well in our locality and can withstand severe cold. A good honey-plant for bees. Sow 15 pounds to the acre. Lb. 65c.

**Lespedeza.** The original Lespedeza. Sow 20 pounds to the acre on your poor land to bring it into condition to produce profitable crops. Once started it smother's broom-sedge and other undesirable growths. Ten pounds Lespedeza and 8 pounds Herd's Grass will give a hay crop that may be grazed till frost. **Korean**, lb. 15c. **Kobe**, lb. 25c.

**Ladino.** This type of Clover is used in pasture mixtures with success and is harder than Alfalfa. Can be used as a green feed for poultry. Sow 8 pounds per acre. Lb. \$2.00.

**Lespedeza sericea.** The perennial Lespedeza, the South's foremost legume, boasting of heavy yields on poor, acid soils. Large returns in seed and forage. Great improvement to soils. Resistant to droughts. Lb. 40c.

**Red Clover** (*Trifolium pratense*). One of the most valuable farm crops for pasture, hay, or for turning under for green manure. It requires a deep, rich soil and yields two hay crops in the season. Sow at the rate of 15 pounds to the acre. Lb. 60c.

**Mammoth Red or Sapling Clover.** Grows larger and lasts longer than the common Red Clover. Valuable for plowing under. Sow 10 pounds to the acre. Lb. 60c.

**Crimson or German Clover** (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. It is largely grown for improving the soil by turning under. A valuable crop for pasturage or green manure. For hay it should be cut when in full bloom. Sow 20 pounds to the acre. Lb. 35c.

**White or Dutch Clover.** For lawns and pastures. Lb. \$1.25.

**White Sweet Clover** (*Melilotus alba*; Bokhara). Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high. Sown in rich soil, may be cut three times. Lasts for years if cut before flowering. Hulled Seed. Lb. 30c.

Inoculate all Clovers, Cowpeas, Vetches and Soja Beans with NITRAGIN. For particulars see page 27



Inoculate all Legume Seeds with

## NITRAGIN

1898—FIFTY-THREE YEARS OF SERVICE—1951  
When ordering, Always state name of seed.

<b>COMBINATION (AB)</b>		<b>SOYBEANS (S)</b>	
Size	Retail	Size	Retail
1 bu. each.....	\$.50	2 bu. ea. ....	\$.35
2 bu. each.....	.90	5 bu. ea. ....	.55
		25 bu. ea. ....	2.50
		(One can)	
<b>ALFALFA (A)</b>		<b>BEANS (D)</b>	
Swt., Bur. Hubam Clovers		Navy, Pinto, Wax,	
1 bu. each .....\$ .50		String, Kidney and	
		Great Northern	
		1 bu. each.....\$ .50	
<b>CLOVERS (B)</b>		<b>PEANUTS,</b>	
Red, Alsike, Crimson,		<b>COW PEAS (E)</b>	
White and Ladino.		2 bu. ea. ....\$ .35	
1 bu. each .....\$ .50		5 bu. ea. .... .55	
<b>LESPEDEZA (L)</b>			
100 lb. size (Inoculates			
up to 100 lbs.) ..\$ .50			
<b>PEAS, (C)</b>			
<b>VETCHES (All Varieties)</b>			
100 lb. size (Inoculates			
up to 100 lbs.) ea.\$ .50			
<b>GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans</b>			
Enough for 8 lbs. seed — Retail Price 15c each			



Clover Field

## NITRAGIN PAYS BIG DIVIDENDS

Inoculation or nitrogen fixation is crop insurance for larger yields of Alfalfa and Clover. Legume-Aid contains billions of bacteria living in a base which has sufficient moisture to insure good seed environment for the preservation of the organisms. Offered in dated containers, insuring fresh stock.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield. See page 46.

**PRICES ON FARM SEEDS IN LARGER QUANTITIES  
THAN LISTED WILL BE QUOTED  
ON APPLICATION**

## CROW REPELLENT

**Crow Repellent.** Repels crows and other corn-pulling pests. ½pt. (1-bus. size) 35c, postpaid 47c; pt. (2-bus. size), 50c, postpaid 62c; qt. (4-bus. size) 90c, postpaid \$1.05.

## CYCLONE SEED SOWER

**Cyclone Seed Sower.** A splendid broadcaster that will pay for itself in a few days in time saved. Sows grass and clover seed and grain faster and more uniformly than is possible by hand. It sows as fast as you walk, and the quantity can be regulated. \$3.95, postpaid \$4.10.

## QUANTITIES OF SEEDS REQUIRED PER ACRE

	Lbs. Per Acre	Lbs. Per Bu.		Lbs. Per Acre	Lbs. Per Bu.
Alfalfa—drilled.....	15-25	60	Lespedeza, Serica (hulled).....	15-20	60
Alfalfa—broadcast.....	20-30	60	Millet, German.....	25-35	50
Alsike—alone.....	6-10	60	Oats.....	64-96	32
Alsike—on small grain.....	3-6	60	Orchard Grass.....	20-30	14
Barley.....	72-96	48	Pasture Mixtures.....	25-40	
Bent Grass—lawns.....	*3		Peas, Canadian Field—broadcast.....	90-150	60
Blue Grass, Kentucky.....	14-18	14	Peas, Canadian Field—with Oats.....	60-90	60
Blue Grass, Kentucky—lawns.....	*10	14	Potatoes, Irish or White.....	540-960	60
Buckwheat.....	36-60	48	Rape—Drilled.....	3-5	50
Clover, Crimson or Scarlet.....	12-18	60	Rape—broadcast.....	5-8	50
Clover, Ladino.....	1-3	60	Red-Top—pastures.....	8-10	32
Clover, Red (Medium)—alone.....	12-15	60	Red-Top—lawns.....	*3	32
Clover, Red (Medium)—on small grain.....	8-10	60	Rye, Winter.....	56-84	56
Clover, Sapling or Mammoth.....	10-15	60	Rye Grass, Domestic.....	25-30	24
Clover, Sweet—hulled.....	15-25	60	Rye Grass, Domestic—lawns.....	*15	24
Clover, White (Dutch)—lawns.....	*2-3	60	Rye Grass, Italian.....	25-30	24
Corn.....	7-10	56	Rye Grass, Italian—lawns.....	*15	24
Corn—for silage.....	20-30	56	Rye Grass, Perennial or English.....	25-30	24
Cowpeas—drilled.....	45-60	60	Sorghum, Forage—broadcast.....	60-75	50
Cowpeas—broadcast.....	60-90	60	Sorghum, Forage—drilled.....	8-10	50
Fescue, Alta.....	12-15	14	Soja Beans—drilled.....	45-60	60
Fescue, Chewing's—lawns.....	*8	14	Soja Beans—broadcast.....	60-90	60
Fescue, Meadow.....	20-30	24	Sudan Grass.....	15-25	35
Fescue, Red—lawns.....	*8	14	Timothy—alone.....	10-15	45
Grass, Bent—lawns.....	*3		Timothy and Clover Mixed—		
Grass, Orchard.....	20-30	14	Timothy.....	6-8	45
Grass, Rough-stalked Meadow.....	*10		Clover.....	4-6	60
Grass, Sudan.....	15-25	35	Vetch, Hairy (Winter or Sand) with 1 bu. small		
Lawn Mixtures.....	*3-5		grain.....	20-40	60
Lespedeza, Kobe.....	30-35	25	Vetch, Spring or Common with 1 bu. small grain.....	50-60	60
Lespedeza, Korean.....	25-30	25	Wheat.....	75-120	60

\*Pounds per 1000 square feet.

\*Pounds per 1000 square feet.

# RELIABLE FLOWER SEEDS

## SOW THE SEEDS

either broadcast or in rows, and *cover lightly*—a good general rule is to cover several times the size of the seeds and press the soil firmly. *Small seeds cannot come up if covered too deep.* Very fine seeds should be sown on the surface and *pressed into the soil.* Cover the seed-bed with a newspaper so the seed will not be washed out by rain or when watering. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. Water with a fine spray; do not let the soil dry out; do not keep the plants saturated, as they may damp off. When three or four leaves have formed, transplant 1 inch apart in boxes, or in the open ground if warm enough.

## THE SOIL

best suited to flowers is a light, rich loam, made as fine and smooth as possible. If heavy, mix with sand to lighten, and make it friable. Many seeds are very small and require a fine seed-bed.

**HALF-HARDY and TENDER FLOWERS** should not be sown or transplanted outside until the weather is settled and warm.

**HARD-SHELLED SEEDS** like Cannas, Moon-vines, Morning-Glories should have a hole filed through the outer shell, or be soaked in warm water 24 hours before planting.

## PLANTING CALENDAR

### MARCH

#### Sow Outdoors Sweet Peas

Sow Indoors	Set Out
Ageratum.....	May 1
Antirrhinum (Snap- dragon).....	May 15
Asters.....	May 10
Carnation, Margue- rite.....	May 1
Celosia (Cockscomb).....	May 1
Cobaea scandens.....	May 1
Heliotrope.....	May 10
Hollyhock.....	May 10
Lobelia.....	May 1
Pansy.....	May 1
Petunia.....	May 1
Salvia.....	May 1
Stocks (Gilliflower).....	May 15
Verbena.....	May 1
Wallflower.....	May 1

### APRIL

#### Sow Outdoors Nasturtiums

All those listed for March may also be planted in April and, in addition, the following:

Sow Indoors	Set Out
Alyssum.....	May 1
Calendula.....	May 1
Coleus.....	May 15
Cosmos, Late.....	May 1
Dahlias.....	May 1
Delphinium.....	May 15
Gourds, Ornamental.....	May 1
Helianthus (Sunflow- er).....	May 1
Marigold.....	May 1
Mignonette.....	May 1
Nicotiana.....	May 1
Phlox Drummondii.....	May 1
Poppy, Iceland.....	May 15
Ricinus (Castor-Oil Plant).....	May 10
Salpiglossis.....	May 10
Scabiosa.....	May 1
Vinca.....	May 10
Zinnia.....	May 1

### MAY

This is the month of outdoor sowing and planting. The following list of flowers comprises those which may be sown in the open, and which will mature into perfection before frosty weather sets in.

#### Sow Outdoors

(Do not require transplanting)  
Sweet Alyssum  
Calendula  
Calliopsis  
Candytuft  
Centaurea (Bachelor's Button)  
Chrysanthemum, Annual  
Clarkia elegans  
Cosmos, Early  
Delphinium  
Dianthus (China Pinks)  
Eschscholtzia (California Poppy)  
Gaillardia (Blanketflower)  
Godetia  
Ornamental Gourds  
Helianthus cucumerifolius (Miniature Sunflower)  
Hunnemannia (Tulip-Poppy)  
Larkspur, Annual  
Lupins, Annual  
Marigold  
Mignonette  
Morning-Glory  
Nasturtiums  
Petunia  
Phlox Drummondii  
Poppy  
Portulaca  
Salpiglossis  
Scabiosa  
Verbena  
Zinnia and all other annuals.  
(Should be transplanted)  
Asters  
Balsam  
Celosia  
(Cockscomb)  
Cosmos, Late  
Ricinus

### JUNE

This is the month to sow perennials. The varieties listed below can easily be grown from seed. All of them may be sown from June till middle of September.

#### To Remain Where Sown

Alyssum saxatile compactum  
Aconitum (Monkshood)  
Aquilegia (Columbine)  
Asters, Hardy  
Coreopsis  
Campanula (Bluebells)  
Candytuft, Sempervirens  
Hibiscus  
Lupines  
Poppies, Iceland  
Poppies, Oriental  
Sweet William  
Valerian (Garden Heliotrope)

#### To Be Transplanted

Canterbury Bells  
Delphinium  
Digitalis (Foxglove)  
Gaillardia grandiflora  
Hollyhocks  
Pyrethrum

### JULY

This is the most important month for sowing some flower seeds. The following biennials, if sown in July and transplanted in August or September, will flower the following spring.

#### Variety

Bellis perennis (English Daisies)  
Pansies  
Myosotis (Forget-me-not)  
And All Perennials

## FLOWERS FOR SPECIAL PURPOSES

### FOR BORDERS AND BEDDING. 6 to 12 inches high

Alyssum	Dianthus	Dwarf Phlox
Brachycome	Forget-me-not	Iceland Poppy
Candytuft	Lobelia	Pyrethrum
Centaurea	Mignonette	Portulaca
Dusty Miller	Pansy	Verbena
Daisy	Bedding Petunia	

### FOR BORDERS AND BEDDING. 1 to 2 feet high

Ageratum	Chrysanthemum	Dwarf Nasturtium
Amaranthus	Coleus	Petunia
Antirrhinum (Snap- dragon)	Centaurea	Phlox
Aquilegia (Colum- bine)	Cockscomb	Poppy
Aster	Shasta Daisy	Salpiglossis
Balsam	Dianthus (Pinks)	Salvia
Begonia	Eschscholtzia	Scabiosa
Calendula	Gaillardia	Stokesia
Calliopsis	Godetia	Stocks
Candytuft	Heliotrope	Sweet William
Carnation	Annual Larkspur	Vinca
Clarkia	Marigold	Wallflower
	Marvel of Peru	Zinnia
	Mignonette	

### PLANT IN BOXES AND TRANSPLANT

Ageratum	Cosmos	Ricinus
Aster	Godetia	Salpiglossis
Calendula	Lobelia	Salvia
Canterbury Bells	Marigold	Sensitive Plant
Calliopsis	Marvel of Peru	Stocks
Chrysanthemum	Petunia	Sweet William
Cockscomb	Pyrethrum	Verbena

These may also be planted where they are to grow.

### FOR EDGING AND LOW BORDERS

Alyssum	Centaurea	Lobelia
Brachycome	Daisy	Portulaca
Candytuft	Forget-me-not	Stocks
Dusty Miller	Iceplant	

### FOR CUT-FLOWERS

Antirrhinum (Snap- dragon)	Chrysanthemum	Rudbeckia
Alyssum	Cosmos	Salpiglossis
Aquilegia (Colum- bine)	Dahlia	Scabiosa
Aster	Shasta Daisy	Stokesia
Calendula	Dianthus (Pinks)	Stocks
Calliopsis	Eschscholtzia	Miniature Sun- flower
Candytuft	Gaillardia	Sweet Sultan
Carnation	Gypsophila	Sweet William
Flowering Centau- reas	Heliotrope	Sweet Peas
	Marigold	Zinnia
	Mignonette	
	Nasturtium	

### FOR TALL BEDS, GROUPS AND BACKGROUNDS

Amaranthus	Hollyhock	Salvia
Calliopsis	Kochia (Burning- bush)	Salpiglossis
Canna	Perennial Larkspur	Scabiosa
Canterbury Bells	African Marigold	Stokesia
Tall and Plumbed	Nicotiana	Sunflower
Cockscomb	Oriental Poppy	Woolflower
Cosmos	Evening Primrose	Zinnia
Dahlia	Ricinus	
Digitalis		

### FOR POTS, PORCH-BOXES, AND BASKETS

Ageratum	Lobelia	Petunia
Alyssum	French Marigold	Smilax
Begonia	Tall and Dwarf	Stocks
Centaurea	Nasturtium	Thunbergia
Dusty Miller	Nepeta	Vinca
Iceplant	Oenothera	Verbena

### FOR MOUNDS AND ROCKERIES

Alyssum	Heuchera	Saponaria
Candytuft	Iceplant	Smilax
Coleus	Lobelia	Thunbergia
Dianthus	Mimulus	Verbena
Gypsophila	Pansy	Viola
Helianthemum	Phlox	
Heliotrope	Portulaca	

### FOR LIGHT SHADE

Aconitum	Digitalis	Myosotis
Ajuga reptans	Dolichos	Nicotiana
Antirrhinum	Godetia	Panais
Arabis	Hibiscus	Primula
Candytuft	Heuchera	Platycodon
Chinese Lantern	Humulus	Salpiglossis
Plant	Lantana	Scabiosa
Clarkia	Lupins	Schizanthus
Cobaea scandens	Lobelia	Violet
English Daisy	Marvel of Peru	

## 1001 GARDEN QUESTIONS ANSWERED . . . . .

By Alfred C. Hottes

Written in the form of questions and answers, this book is a wonderfully quick method of answering all questions pertaining to a moderate-sized place. Information on all phases of gardening—flowers, fruits, vegetables, lawns, trees, bulbs, propagation, soils, pruning, storage, fertilizers, calendar, etc. Over 388 pages, 160 illustrations. Cloth. \$3.00, postpaid \$3.15.

## GARDEN GUIDE

The most popular general garden handbook ever published. 576 pages. 300 illustrations. Cloth \$3.50, postpaid \$3.65.



Perennial Border

# ANNUAL FLOWER SEEDS

**AGERATUM.** *Floss Flower.* Fine for edging or solid effects. Continuous bloom.

**301A The Golden.** See page 3.

**301B Dwarf White.** See page 3.

**301C Fairy Pink.** See page 3.

**301D Lasseauxii.** See page 3.

**1 Imperial Dwarf Blue.** 6 in. Pkt. 10c; oz. \$2.50.

**2 Little Dorritt.** White. Pkt. 10c.

**301 Midget Blue.** See page 3.

**3 Tall Mixed.** Flowers in dense clusters. 2 ft. Pkt. 10c; ¼ oz. 25c.

**4 ALYSSUM, Carpet of Snow.** One of the most popular garden flowers, in bloom all season. Used for edging or in rockeries or vases. 3 in. Pkt. 10c; oz. 75c.

**5 Violet Queen.** A very pretty deep lavender-lilac, of dwarf compact habit. 6 in. Pkt. 10c.

## ANTIRRHINUM • Snapdragon

**303 Super Majestic Rustproof.** 20 in. Very fine. Pkts. 15c and 25c.

**302 Tetra.** See page 3.

**303A Magic Carpet.** See page 3.

**6 Semi-dwarf Rustproof. 20 in. high**  
Large flowers. Excellent for bedding. To have flowers early, sow indoors during February and March.

**Garnet.** Velvet crimson.

**Amber and Gold.**

**Carmine-Rose.**

**DuBarry.** Flaming salmon-rose.

**Indian Girl.** Old gold.

**Wild Fire.** Bright orange.

**All Colors Mixed.**

Each, pkt. 10c; large pkt. 25c; ¼ oz. \$1.00

**7 Tall Rustproof. 34 in. high**

75 per cent resistant to Antirrhinum rust.

**Campfire.** Scarlet.

**Copper King.** Copper-red.

**Daffodil.** Yellow.

**Apple Blossom.** Rose-pink; white tube.

**Loveliness.** Pink.

**Alaska.** White.

**All Colors Mixed.**

Each, pkt. 10c; large pkt. 25c; ¼ oz. \$1.00

**8 Best Forcing Varieties**

**Afterglow.** Bronze.

**Ceylon Court.** Yellow.

**Cheviot Maid Supreme.** Early. Pink.

**Christmas Cheer.** Rose.

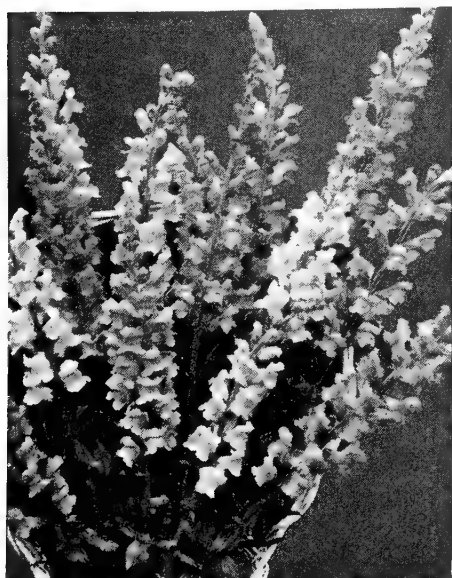
**Lucky Strike.** White.

**Terry Surprise.** Improved, orange.

**Velvet Beauty.** Crimson.

**All Colors Mixed.**

Each, pkts. 50c and \$1.00



7 Snapdragon, All Colors Mixed. Pkt. 10c

**AMARANTHUS.** Brilliant-foliaged annuals growing from 3 to 5 feet high. They thrive best in a hot, sunny location, not too rich soil, and must be given sufficient room to develop their full beauty.

**9 Molten Fire.** Brilliant poinsettia-like tips. Called "Summer Poinsettia." The most brilliant of this family. Foliage bronzy crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. Grows from 4 to 5 feet. Pkt. 10c.

**10 Tricolor splendens.** *Josephs-Coat.* An improvement on the old sort; of more brilliant coloring. Pkt. 10c.

**10A Finest Mixed.** Pkt. 10c.

**11 ARCTOTIS grandis.** *African Daisy.* Bushy annual plants, producing the entire season, on long stems, large, blue-eyed, daisy-like flowers, pure white on the upper surface; reverse lilac-blue. 2 ft. Pkt. 10c.

**12 Hybrida.** New African Daisy with beautiful flowers. Plants are about 1 foot tall with soft gray-green, wavy-edged leaves. The flowers are in pink, scarlet, and yellow shades and white, each with a dark disc in the center. Truly wonderful cut-flowers. Pkt. 25c.

**301E ARGEMONE.** See page 3.

**13 ASPARAGUS plumosus nanus.** For house or conservatory decoration. Much used by florists. Pkt. 25c; 100 seeds 75c.

**14 Sprengerii.** Pkt. 25c; 100 seeds 75c.

## Superb Asters

### Wilt-Resistant

**15 Branching Aster.** Late. Finest Mixed. Pkt. 10c; oz. \$2.50.

**304 Giants of California.** See page 3.

**16 American Beauty.** *Wilt-resistant.* The queen of all Asters. Far superior to Peony and branching varieties. In five colors: Lavender, Crimson, Dark Blue, Pink, and White, and All Colors Mixed. Each, pkt. 10c; oz. \$2.75.

**17 Sunshine Aster.** This pretty Anemone-flowered variety is of great value either in beds, borders, or for cutting. Plants grow about 1½ feet high. The dainty flowers are held erect on good stems. The mixture offered contains a splendid range of delicate colors. Pkt. 10c.

**18 Queen of the Market.** *Wilt-resistant.* Very early. White, Pink, Lavender, Scarlet, Dark Blue, and Choice Mixed. Each, pkt. 10c; oz. \$2.50.

**18A Ballet Type.** See back cover.

**304A Santa Maria.** See page 3.

**19 BALLOON-VINE.** *Love-in-a-Puff.* A rapid-growing annual climber. Seed-pods like miniature balloons. Pkt. 10c.

**20 BALSAM.** *Lady's-Slipper.* An old-fashioned flower. With plenty of room they will develop to immense plants with gorgeous flowers. Mixed Colors. Each, pkt. 10c.

**20A Double Bush-flowering.** 12 to 15 in. Mixed. Pkt. 15c and 50c.

**21 BALSAM-APPLE (Momordica).** Handsome climbing annual bearing ornamental, orange-colored fruit. Pkt. 10c.

**22 BEGONIA semperflorens.** Invaluable for bedding and pot-culture. About 1 foot high. Beautiful foliage. Pink, White and Crimson, Mixed. Pkt. 25c.

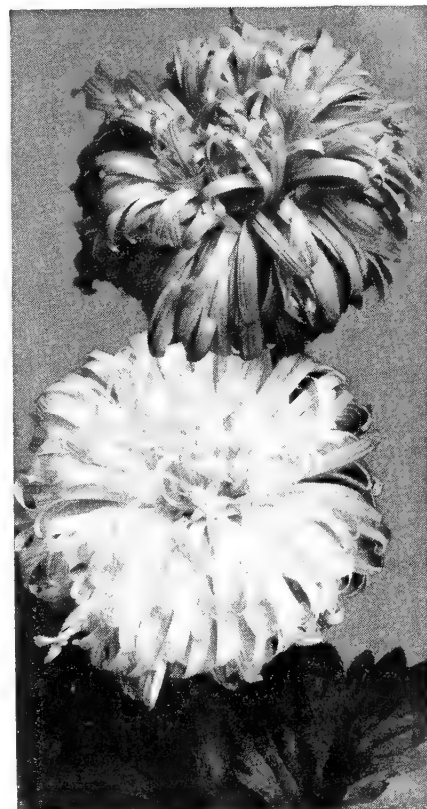
**23 Gracilis, Carmen.** Bronze foliage. Bright rose flowers. Pkt. \$1.00.

**24 Christmas Cheer.** Crimson-scarlet. Pkt. \$1.00.

**25 Gracilis luminosa.** Scarlet. Pkt. \$1.00. For pot-culture, the above produce compact plants that find ready sale.

**307A BELLS OF IRELAND.** See page 3.

ORDER BY NUMBER AND NAME  
All Flower Seeds sent postpaid.



304 Aster, Giants of California, Mixed.  
Pkt. 15c

**26 BLACK-EYED SUSAN (Rudbeckia hirta).** Large; orange, black center. 18 in. Pkt. 10c.

**27 BRACHYCOME.** *Swan River Daisy.* A desirable hardy annual, blooming profusely the greater part of the summer. Small blue flowers resembling those of the cineraria. 9 in. Pkt. 10c.

**28 CACTUS.** All kinds and forms. Mixed. Pkt. 25c.

**305 CACALIA.** See page 3.

**CALENDULA.** *Pot-Marigold.* Free-flowering, showy annuals of easy culture, producing a fine effect in beds or mixed borders; valuable also for pot-culture for winter and spring blooming. 1 ft.

**29 Ball's Long Orange.** An extra long-stemmed deep golden yellow used for forcing. Pkt. 25c; ¼ oz. 60c; oz. \$2.00.

**29A Masterpiece.** Glowing orange, dark eye. Pkt. 25c; ¼ oz. 60c; oz. \$2.00.

**30 Orange Shaggy.** Beautifully fringed or lacinated flowers of deep orange shaded lighter at center. A very effective two-toned coloring and a beautiful long-stemmed cut-flower. Pkt. 10c.

**31 Lemon Queen.** Lemon-yellow. Pkt. 10c; oz. 75c.

**32 Orange King.** Rich dark orange. Pkt. 10c; oz. 75c.

**306 Yellow Colossal.** Pkts. 15c and 25c.

**33 Mixed.** Pkt. 10c; oz. 40c.

**CALIFORNIA POPPY.** See *Eschscholtzia*.

## THE BOOK OF ANNUALS

By Alfred C. Hottes

Describes over 100 kinds of annuals.  
172 pages. \$2.00, by Parcel Post \$2.15.

## The Celosias Are an Interesting Flower Family



37 Carnation (Marguerite.) Pkt. 10c

- 34 CALLIOPSIS.** A very showy annual in bloom from early summer until frost. Single or double. All colors mixed. Pkt. 10c; oz. 50c.
- 35 CAMPANULA, New Annual Single.** *Canterbury Bells.* A new variety which blooms from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom. Originator's stock seed in a selected mixture only. Pkt. 10c.
- 36 CANDYTUFT.** Dwarf, profuse bloomer of easy culture. Useful for bedding and borders. Red, Lavender, Pink, Crimson, White and Choice Mixed. Each, pkt. 10c; oz. 75c.
- 37 CARNATION.** *Marguerite.* These are the most satisfactory of the annual Pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected the first winter, they will revive the following spring and bloom. Pkt. 10c; ¼oz. 75c.
- 37A Enfant de Nice.** Also for forcing. Finest mixed. Pkt. 25c.
- 37B CANARY-BIRD-VINE.** One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 10c.
- 38 CARDINAL CLIMBER** (*Ipomoea Quamoclit hybrida*). In a warm, sunny location with good soil, it often reaches a height of 20 feet. The vines are clothed with palm-like, rich green leaves, bespangled with clusters of fiery scarlet, tubular spear-shaped flowers, measuring about 1¼ inches across. Pkt. 10c.
- 39 CORNFLOWER** (*Centaurea cyanus*). Also known as Blue Bottle, Ragged Robin, Bachelors Button. An old favorite garden annual. Blue Boy, Pink, White and Red. Each, pkt. 10c; oz. 60c.
- 40 All Colors Mixed.** Pkt. 10c; oz. 50c.
- 41 Jubilee Gem.** A dwarf Cornflower with 1-foot, compact plant literally covered with dark but vivid double blue flowers. In addition to its garden value it makes a splendid pot-plant. Pkt. 15c; 2 pkts. for 25c.
- 42 CENTAUREA imperialis.** *Sweet Sultan.* Gigantic, beautiful, sweet-scented flowers borne on long stems. Mixed. Pkt. 10c.
- 43 Gymnocarpa.** *White-leaved Dusty Miller.* Grown for its silver foliage. 2 ft. Pkt. 10c; ¼oz. 60c.
- 44 Candidissima.** *Dwarf Dusty Miller.* Fine for edging and hanging-baskets. Pkt. 15c; ¼oz. \$1.00.

**45 CHRYSANTHEMUM, Annual.** Plants 2 feet high, bearing in profusion large, daisy-like flowers on good stems. Quite distinct from the hardy perennial and autumn-flowering varieties. Mixed colors. Single or double. Each, pkt. 10c; ¼oz. 25c.

**45A Yellowstone.** Known as yellow daisy. Single and double, 2-inch flowers. 20 inches tall. Pkt. 25c; ¼oz. 75c.

**322C Gold Wings.** See page 3.

**46 CINERARIA grandiflora, Prize Mixed.** One of the most ornamental and useful plants for conservatory and house decorations. Medium tall. Pkts. 60c and \$1.00.

**47 Cremer's Prize Strain.** Pkts. 75c and \$1.50.

**48 CLARKIA.** One of the prettiest and showiest hardy annuals. They are useful for hanging-baskets, for vases, and as edging plants. Grow in partial shade. They bloom through midsummer to late autumn. 1½ ft. Pkt. 10c.

**CASTOR-OIL BEAN.** See *Ricinus*.

**49 CELOSIA cristata.** *Crested Cockscomb.* Very desirable annual of easy culture. Large, comb-like heads. Excellent border plants; very good for pots. Dry nicely for winter bouquets. Tall, Red or Mixed. Dwarf, Red. Each, pkt. 10c; ¼oz. 75c.



51 Chinese Woolflower (Celosia Childsi). Pkt. 10c

**50 CELOSIA plumosa.** *Feathered Cockscomb.* Very decorative plant for the garden. The feather plumes are excellent for cutting. Can also be cut and dried for winter use. Red, Mixed colors. Pkt. 10c; ¼oz. 50c.

**50A Dwarf Fire Feather.** A striking plant 12 inches high. Leathery scarlet plumes. Pkt. 15c; 2 pkts. for 25c.

**50B Dwarf Golden Feather.** Large, showy yellow plumes. Pkt. 15c; 2 pkts. for 25c.

**50C Empress Nana.** Velvety maroon. 18 in. Pkt. 15c.

**51 CHINESE WOOLFLOWER (Celosia Childsi).** This is a unique form of the Feathered Cockscomb, growing 2 to 3 feet high, each branch terminated with a large head that looks as if made of silky wool. Effective in beds and highly interesting for cutting, as they can be dried and retain their bright color for weeks. Mixed or Scarlet. Each, pkt. 10c; ¼oz. 50c.

**52 COBÆA scandens.** *Cup-and-Saucer Vine.* Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise, and merely cover with light soil. Blue and White, Mixed. Pkt. 10c.

**307 CLEOME, Pink Queen.** *Spider Plant.* Pink turning white. Pkt. 25c.

**53 COLEUS, Large-leaved Hybrids.** Popular bedding plant with beautifully colored foliage. Easily grown from seed if kept in warm temperature. Pkt. 25c; ½oz.; \$1.75; ½oz. \$3.00

**305A CORAL FLOWER.** See page 3.

**308A COSMOS, Radiance.** The first big postwar novelty. Winner of the highest award in the 1948 All-America Trials. Radiance introduces two entirely new colors in Sensation Cosmos—striking deep rose and rich crimson in the first bicolor Cosmos ever to be developed. Pkt. 25c; 3 pkts. 70c.

**54 COSMOS, Sensation.** Mammoth flowers, 4 to 5 inches in diameter, on long, strong stems. Blooms in 10 weeks from seeding. 4 ft.

**Pinkie.** Rose-pink. **Cardinal.** Red. **Purity.** White.

**55 Mixed.**

Each, pkt. 10c; ½oz. 25c.

**56 Cosmos, Orange Flare.** An early-flowering strain, blooming in four months from seed. Marigold-like foliage. Grows 2 to 3 feet tall, bushy. Pkt. 10c.

**308 Yellow Flare.** *Silver Medal.* This splendid cutting flower is a golden yellow form of the original Orange Flare. Plants grow about 4 feet tall, come into bloom very early, and bloom profusely until late fall. Pkt. 15c.

**57 Lady Lenox.** A giant-flowering late strain that blooms profusely. Pink, White, Crimson, or Mixed. Each, pkt. 10c; oz. 75c.

**58 Early Summer-flowering.** Large flowers with broad petals. Comes into bloom in July. Profuse bloomer. 4 ft. Crimson, Pink, White, and Mixed. Each, pkt. 10c; oz. 75c.

**59 Double-crested.** This is an entirely new class of Cosmos that blooms very early and produces double-crested flowers of exceptional beauty. The grower does not claim that all plants have double flowers (the fields show about 50 per cent). Pink, White, Crimson, and Mixed. Each, pkts. 10c and 25c.

**60 CUPHEA, Firefly.** *Cigar Plant.* Ten-inch flowers from seed in 10 to 12 weeks. Blooms all summer. Pkt. 25c.

**61 CYPRESS VINE (Ipomoea Quamoclit).** A very graceful annual climber with feathery foliage and beautiful, star-like flowers. Scarlet, Mixed. Each, pkt. 10c.

**62 CYNOGLOSSUM, Firmament.** *Chinese Forget-me-not.* New dwarf type. Plants compact, 15 to 18 inches tall. Especially free-flowering in habit and noted for its long season of bloom. Pkt. 10c; ¼oz. 40c.



55 Cosmos, Sensation, Mixed. Pkt. 10c



**DAHLIAS.** There is no more fascinating flower to raise from seed than the Dahlia. The results are a series of surprises. Sow in March indoors and they will bloom by the end of June.

**63 California Giants.** A selection from named varieties, grown by a celebrated producer in California. Pkt. 25c.

**64 Unwin's Dwarf Hybrids.** Graceful semi-double flowers in many colors. Fine for bedding and cutting. Pkt. 15c.

**64A Coltness Hybrids.** Dwarf. Single. Will bloom in 4 months. Pkt. 15c.

**64B Unwin's Ideal Bedding.** Pkt. 15c; special pkt. 50c.

**309B DAISY, Dahlberg.** See page 3.

**309 Tahoka.** Dwarf blue; long stems. Pkts. 15c and 25c.

**305B DATURA.** See page 3.

**65 DIANTHUS chinensis.** Chinese Pinks. Single, Mixed. Pkt. 10c.

**66 Double, Mixed.** Pkt. 10c.

**67 Sweet Wivelsfield.** A hybrid between a Pink and a Sweet William. Seed started in January and planted out in April will flower in May and bloom all summer in a variety of colors. Pkt. 10c.

**311 Heddensis, Westwood Beauty.** Single mixed. Fine for cutting. Pkts. 15c and 25c.

**311A Highland Hybrids.** See page 3.

**68 DIMORPHOTHECA aurantiaca.** African Orange Daisy. Long stems. Pkt. 10c.

**69 Aurantiaca hybrida.** A splendid mixture of colors and shades. Pkt. 10c.

**70 DIDISCUS cærulea.** Blue Lace-Flower. The exquisite pale lavender blossoms are excellent for cutting. Plants grow about 1½ feet high, and have as many as 50 flowers open at one time. Pkt. 10c.

**71 DOLICHOS Lablab.** Hyacinth Bean; Texas Climber. Showy climber, making rapid growth. White, Purple, Mixed. Each, pkt. 10c; oz. 25c.

**72 EUPHORBIA.** Snow-on-the-Mountain. Plants with ornamental foliage. Very showy and easily raised from seed. Pkt. 10c.

**72B Heterophylla.** Fire-on-the-Mountain or Annual Poinsettia. Pkt. 10c.

**73 ESCHSCHOLTZIA californica.** California Poppy. Poppy-like flowers in shades of scarlet, yellow, mauve, and orange-scarlet. Blooms from June till frost. Fine for borders or large beds. Choice Mixed. Pkt. 10c; oz. 75c.

**EVERLASTINGS or STRAWFLOWERS.** See Helichrysum, Statice, Gomphrena.



66 Dianthus, Double Mixed. Pkt. 10c

**FOUR-O'CLOCK.** See Marvel of Peru.

**73A FLAX, Blue or Scarlet.** Hardy annual. Pkt. 10c.

**74 GAILLARDIA, Single or Double.** Blanketflower. One of the best garden flowers. Excellent for cutting. The large, highly colored, daisy-like flowers appear continually during the season. Pkt. 10c; ¼oz. 25c.

**75 Indian Chief.** A magnificent large, single flower with dark brown center and showy, metallic red petals. Fine for garden display or cutting. 2 ft. Pkt. 10c; ½oz. 25c.

**76 GODETIA.** Satin Flower. Easily grown plants produce a profusion of beautiful flowers of satiny texture. Mixed colors. Pkt. 10c.

**76A Carmine Improved.** Tall, graceful plants with racemes of double flowers, throwing a large carmine blotch, spreading half-way outward from the base of each petal. Pkt. 10c.

**77 GOMPHRENA globosa.** Globe Amaranth. Clover-like heads of everlasting flowers which can be dried for winter bouquets. 15 in. Red, Purple, and Mixed. Each, pkt. 10c; ½oz. 25c.

**78 GERANIUM zonale, Mixed.** Largest and finest varieties. Pkt. 25c.

**79 GOURDS.** Rapid climbers. State kind wanted.

LARGE-FRUITED	SMALL-FRUITED
Caveman's Club	Nest-Egg
Dishcloth or Luffa	Pear Shape
Hercules' Club	Mockorange
Calabash or Pipe	Spoon
Dipper	Apple
General Mixture of Small and Large Varieties.	

**79A Large Varieties Mixture.**

**79B Small Varieties Mixture.**

Each, pkt. 10c; oz. 75c

**80 GYPSOPHILA.** Babys-Breath. Free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft. White. Pkt. 10c; oz. 50c.

**HELIANTHUS.** See Sunflower.

**81 HELIOTROPE.** A well-known and highly prized plant on account of the delightful fragrance of the flowers. Excellent for pots or beds. Dark blue varieties. Pkts. 10c and 25c.

**82 HELICHRYSUM.** Strawflower. One of the most popular of the Everlastings; a splendid cut-flower, either fresh or dried. Pink, Crimson, Yellow, Violet, White, and Mixed Colors. Each, pkt. 10c; ½oz. 50c.

**83 HUNNEMANNIA fumarifolia.** Giant Yellow Tulip-Poppy. 2 ft. Pkt. 10c.

**84 HOLLYHOCK, Single, Annual.** Mixed colors. Pkt. 10c.

**309A HOUSE PLANTS.** See page 3.

**HYACINTH BEAN.** See Dolichos.

**85 ICEPLANT.** Beautiful dwarf edging plants that bloom profusely in dry and sunny situations. Fine for pots. Covered with watery vesicles resembling pieces of ice. Pkt. 10c.

**86 IMPATIENS, Holsti Hybrids.** Sultan's Balsam. A wide range of exquisite colors. Blooms continuously from midsummer until frost. For outdoors and pot-culture. 1 to 2 ft. Pkt. 25c.

**IPOMŒA.** See Moonflower.

**87 KOCHIA scoparia.** Summer-Cypress; Mexican Fire-Bush. An easily grown annual with feathery green foliage which grows into a cypress-like hedge. At the approach of autumn the foliage turns to a deep red color. 2 to 3 ft. Pkt. 10c; oz. 40c.

**LACE-FLOWER, BLUE.** See Didiscus cærulea.

**312B LOVEAPPLE, Scarlet.** See page 3.



75 Gaillardia, Indian Chief. Pkt. 10c

**88 LANTANA.** Most desirable bedding plant. Seeds are best germinated in a greenhouse from January to March. Flowers resemble verbenas. Plants bloom all summer. Red and orange shades. Dwarf hybrids, mixed. Pkt. 10c; ¼oz. 50c.

**89 LUPINS.** Very desirable showy garden plants. Excellent for cutting. Graceful spikes. 2 ft. Pink, Dark Blue, Light Blue, White, and Mixed. Each, pkt. 10c; oz. \$1.00.

**90 LOBELIA, Crystal Palace.** No garden is complete without an edging of blue Lobelias. Very desirable for pots and hanging-baskets. Blooms July to October. Pkt. 10c.

**91 LARKSPUR or ANNUAL DELPHINIUM, Double Stock-flowered.** Splendid annuals of easy culture. If sown early in spring will produce blooming plants in July. Will bloom earlier when sown in autumn. White, Light Blue, Dark Blue, Pink, and Mixed. Each, pkt. 10c; oz. 75c.

**310 Regal.** See back cover. Also Dark Blue, Lilac, Salmon-Rose, Pure White. Each, pkt. 25c; ¼oz. 40c; ½oz. 75c; oz. \$1.25.

## Marigolds

**92 FRENCH DWARF.** 12 in.

**Legion of Honor.** Single; yellow blotched brown.

**Golden Ball.** Double.

**Lemon Ball.**

**Naughty Marietta.** Golden yellow, mahogany base.

**Robert Beist.** Rich mahogany-brown.

**Royal Scot.** Yellow and maroon, striped. Mixed Colors.

**317 Spry.** Yellow and red crested. 8 in.

Each, pkt. 10c; ½oz. 50c

**93A Tagetes, Gnome.** Orange. 10 in. Pkt. 10c.

**93 AFRICAN TALL.** 30 in.

**Lemon Queen.** Soft lemon-yellow.

**Orange Prince.** Golden orange.

Mixed.

Each, pkt. 10c; ½oz. \$1.00

**93B Little Giant.** Golden yellow. 12-14 in. Pkt. 10c; ½oz. \$1.00.

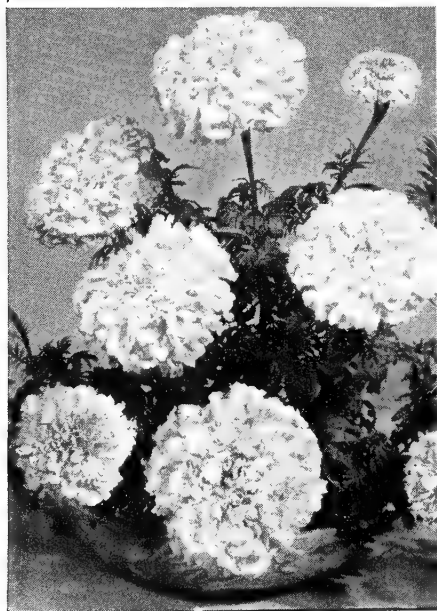
**94 GUINEA GOLD.** A distinct type of Marigold, with graceful, pyramidal habit, growing 2 to 2½ feet high. Flowers semi-double, 2 to 2½ inches across. Wavy petals of a brilliant shade of orange and gold. Pkt. 10c; ½oz. 50c.

**95 Dwarf Gigantea, Pot O'Gold.** Double; deep orange. 15 in. Pkt. 10c.

**96A Dwarf Gigantea, Gypsy Jewels.** Double Mixed. 15 in. Wide range of brilliant colors. Compact plants; free blooming. Pkt. 10c.

## Novelty Marigolds

- 320 Mission Giants, Goldsmith.** Golden orange. 30 in. Mixed. 18 in. Each, pkts. 15c and 25c.
- 316 Flash.** Single, red to bronze. 10 in. Pkts. 15c and 25c.
- 315 Real Gold.** Large flowers. Pkts. 15c and 25c.
- 315A Limelight.** See page 3.
- 97 Yellow Supreme.** New. Large, fluffy blooms which are sweetly scented. A fine companion to Guinea Gold. Flowers of dazzling lemon-yellow color, nearly 3 inches in diameter. Pkt. 10c.
- 98 Harmony.** A lovely Scabious-flowered type of the dwarf French Double Marigold. Plants are 10 to 12 inches high and produce great quantities of their lovely flowers which have a high golden orange center tuft and 4 or 5 rows of reddish brown guard petals. Pkt. 10c.
- 99 Gigantea, Sunset Giants.** Here we have a showy, sweetly scented, exceptional-sized Marigold flower averaging 5 inches in diameter, ranging in color from deep orange to lemon-yellow, and a new, delightful shade of primrose. Plants are 3½ to 4 feet high. They start blooming about July 15 and will bloom profusely until frost. Sunset Giant is worthy of the showiest spot in any garden. Pkt. 10c.
- 100 Crown of Gold.** A round-topped flower of rich golden yellow surrounded by a collar of big broad petals of the same color. Flowers sweet-scented. Foliage odorless. 2 ft. Pkt. 10c.
- 101 MARVEL OF PERU.** *Four-o'Clock.* Bushy plants of easy culture, producing hundreds of flowers during the entire summer. Very showy. 2 ft. Pkt. 10c; oz. 50c.
- 102 MIGNONETTE, Golden Machet.** Valuable for cutting on account of its fragrance. Sow in succession during the whole summer; may also be forced in greenhouses during winter. Large, reddish tinted, sweet-scented flowers. Pkt. 10c; ½oz. 50c.
- 103 New York Market.** A specially selected strain of tall-growing, very sweet Mignonette. Pkt. 15c; ½oz. 75c.
- MOMORDICA.** See **Balsam-Apple.**
- 104 MOONFLOWER (Ipomoea noctiflora).** Climber. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c; oz. 75c.
- 105 Heavenly Blue.** Pkt. 10c.



99 Marigold, Sunset Giants. Pkt. 10c

## Morning-Glories

- 322 Pearly Gates.** White. Pkt. 10c.
- 106 Darling.** 1951 Novelty. See page 3.
- 107 Imperialis, Single Fringed, Mixed.** These are the handsomest of all Morning-Glories. All colors. Pkt. 10c; oz. 50c.
- 108 Heavenly Blue (Ipomoea).** Beautiful flowers of bright sky-blue. Pkt. 10c; oz. 60c.
- 321 Scarlett O'Hara.** Carmine-red. Pkts. 10c and 25c.
- 108A PASSION VINE.** Unusual blue and white half-hardy climber. Pkt. 10c.
- MOURNING BRIDE.** See **Scabiosa.**
- 109 NICOTIANA.** Showy flowers so fragrant that a small bed will perfume the surrounding atmosphere. Red, White and Mixed. Each, pkt. 10c.
- 110 NIGELLA, Miss Jekyll.** *Love-in-a-Mist.* Beautiful double flowers of a clear cornflower-blue. Good for cutting. 1½ ft. Pkt. 10c.
- 110A NIEREMBERGIA.** See page 3.



121 Pansy, Triumph of Giants, Mixed  
Pkts. 25c and 50c

## Nasturtium

### New Double Sweet-scented

- 112 Dwarf Gem, Mixed.** The dwarf, compact, globe-shaped plants are literally covered with many colored giant double and semi-double, long-stemmed, sweet-scented flowers. Pkt. 10c; oz. 25c.
- 113 Scarlet Gleam.** More dazzling in color than the showy Golden Gleam. The fiery orange-scarlet flowers are fully double, very large, well formed, and pleasingly sweet scented. Pkt. 10c; oz. 25c.
- 114 Double Gleam Hybrid.** The flowers are uniformly double, large, well formed and delightfully sweet scented, with stems long and wiry, bearing the numerous flowers well above the foliage. Pkt. 10c; oz. 25c.
- 115 Golden Gleam.** Makes a vigorous, large bush and throws out a few short runners, covered with double, large, golden yellow, fragrant blooms. Pkt. 10c; oz. 25c.

### Single Dwarf Varieties

- 116 Dark-leaved Varieties Mixed.**
- 117 Empress of India.** Dark-leaved velvety dark scarlet blooms. Select flowers.
- 118 Fancy Giant-flowering Dwarf, Mixed.**
- Above three varieties, pkt. 10c; oz. 25c; ¼lb. 75c

Quantity price on Nasturtiums furnished on application.

### Tall Varieties

- 119 Mixed.** For covering trellises, fences, arbors, piazzas, or trailing from vases, urns, etc. Bloom early summer until frost. Pkt. 10c; oz. 25c.
- 119A Red-flowering.** Pkt. 10c; oz. 25c.

## Perfection Pansies

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted. If started in the house from

February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August and transplanting later gives us the main crop of flowers the following spring. Pansies thrive best in moist, semi-shaded situations in open exposure.

- 120 Choice Mixed.** Trimardeau strain, improved Mixed. Pkt. 10c; oz. \$5.00.
- 121 Triumph of Giants.** Flowers of great brilliancy and richness of coloring, including many new and rare shades. Florists' strain. Finest mixed. Pkts. 25c and 50c; ¼oz. \$2.75; oz. \$10.00.
- 122 Swiss Giant Mixed.** Very large florists' strain. Pkts. 25c and 50c; ¼oz. \$2.25; oz. \$8.00.
- 123 Swiss Giants.** Dark Blue, Light Blue, Garnet, White, Yellow. Each, pkts. 25c and 50c; ¼oz. \$2.75; oz. \$10.00.
- 123 Swiss Giants. Fire Glow (Bronze), Jumbo Pay Dirt (Large Yellow), Raspberry-Rose.** Each, pkts. 25c and 50c; ¼oz. \$3.00; oz. \$11.00.

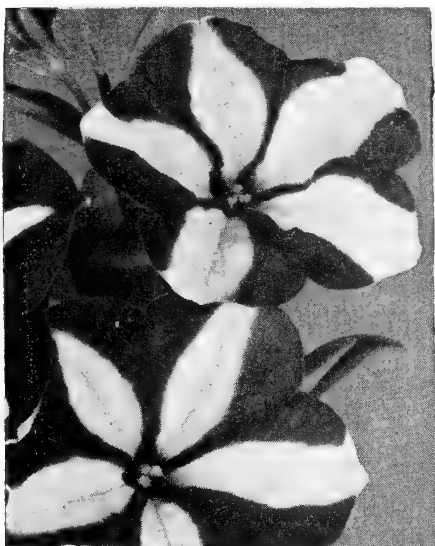
## Petunias

The Petunia is without a peer among annuals for effective summer bedding or indoor culture. It is of easy culture, early to blossom, and continues throughout the summer until the first killing frost. No other flower produces greater diversity of color, retaining its freshness for so long a period.

- 124 Superbissima, Single Giants of California.** Single, fringed and ruffled blooms. The best strain of giant, pot-grown Petunias, all selected from the finest new colors, hand pollenized and glasshouse grown. Fine for potting. Pkts. 25c and 50c.
- 125 Grandiflora, Double Giants of California.** Selected and hybridized with the greatest care. Flowers large, beautifully fringed, and embracing the choicest colors. When transplanting Double Petunias it is very important to plant also the very smallest plants, as these as a rule produce the best double flowers. Pkt. \$1.25.

- 313A Salmon Supreme.** Salmon-pink. Dwarf, compact. Pkt. 15c; 2 pkts. 25c.

ORDER BY NUMBER AND NAME



136 Petunia, Howard's Star. Pkt. 10c

**PETUNIAS, continued**  
**Bedding and Window-box**

- 126 **General Dodd.** Rich blood-red. Splendid bedding variety. 18 in. Pkt. 10c.  
127 **Fluffy Ruffles.** Handsome large ruffled flowers with finely fringed edges. Many splendid colors. Pkts. 25c and 50c.  
128 **Fine Bedding.** Very fine. Striped blotched, and all colors mixed. 12 in. Pkt. 10c; oz. \$2.50.  
129 **Elk's Pride.** Large, deep royal purple. 12 in. Pkts. 25c and 50c; 1/4oz. \$1.75.  
130 **Flaming Velvet.** Brilliant velvety blood-red. Plants neat, compact, and bearing a profusion of blooms through the summer. 18 in. Pkts. 25c and 40c.  
131 **Snowstorm.** Large; pure white. 12 in. Pkts. 25c and 50c; 1/4oz. \$1.75.  
132 **Snow Queen.** Pure white. 12 in. Pkt. 10c; oz. \$3.50.  
133 **Rosy Morn.** Pink. Pkt. 10c; oz. \$3.00.  
134 **Rose of Heaven.** A very effective rich and brilliant variety with luminous rose-pink blooms. 12 in. Pkt. 10c; 1/4oz. 75c.  
135 **Heavenly Blue.** Silvery blue. 12 in. Pkt. 10c; 1/4oz. \$1.00.  
310B. **Fire Chief.** See back cover.  
313 **Igloo.** White. 8 to 10 in. Pkt. 25c.  
314 **English Violet.** Violet-blue. 12 in. Pkt. 25c.  
314A **Celestial Rose.** Brilliant rose. Compact. Pkt. 15c; 2 pkts. 25c.  
136 **Howard's Star.** A beautiful variety. Produces a profusion of single reddish purple flowers, each having a distinctive five-pointed white star. Pkt. 10c; oz. \$3.50.  
137 **Howard's Star Improved.** Velvety purple, pure white star. 18 in. Pkts. 25c and 40c.  
138 **Twinkles.** Beautiful pink blooms with white star. 8 in. Pkts. 15c and 40c.  
138A **Miniature Mixed.** 8 in. Pkts. 25c and 40c.

**Balcony**

- 139 **Balcony.** A splendid free-flowering type for window or porch-boxes, vases, etc.; valuable for bedding, giving a display of flowers the entire summer. The blooms are large, averaging 3 inches across. Blue, Red, Rose, and White. 18 in.  
140 **Mixed Colors.**  
Each, pkts. 10c and 40c; 1/4oz. \$1.00

**Poppies**

Dainty flowers with tissue-like petals. If cut just before opening and the stems seared or dipped in boiling water, they make splendid cut-flowers. Plant as early as possible where they are to stay.

**Single Varieties**

- 141 **Shirley.** A bed of these Poppies produces a gorgeous effect in the garden. Brilliant colors. Pkt. 10c; oz. 60c.

**POPPIES, continued**

- 142 **American Legion.** Scarlet-white Maltese Cross. Pkt. 10c; oz. 75c.

**Double Varieties**

- 143 **Double-flowered, Mixed.** Immense double flowers, resembling a peony. 2 ft. Pkt. 10c; oz. 60c.  
301E **POPPY, MEXICAN.** See page 3.  
**POPPY, YELLOW TULIP.** See Hunnemannia.

- 143A **PIMPERNEL.** For edging. 8 to 10 in. Pkt. 15c.  
144 **PORTULACA, Single.** Mexican Rose. Brilliant hardy annual of easy culture. Excellent for massing in beds or rock-work. Thrives best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Pkt. 10c; 1/4oz. 75c.  
145 **Double.** Pkt. 10c; 1/4oz. \$1.00.  
146 **PHLOX Drummondii.** Easily grown from seed. Makes a brilliant display as a summer bedding plant. White, Pink, Scarlet, Purple, Primrose, Violet with eye, Rose with white eye, all colors Mixed. Each, pkt. 10c; large pkt. 25c; 1/4oz. 90c.  
148 **ROCK-GARDEN MIXTURE.** Choicest dwarf varieties of annuals. Pkt. 10c; oz. \$1.00.



145 Portulaca, Large-flowering, Double. Pkt. 10c

**Ricinus • Castor-Oil Bean**

One of our best ornamental annual plants, largely used for the center of beds, being splendidly effective grouped with cannas, caladiums, and other tall plants.

- 149 **Zanzibarensis.** Large bright green leaves with white veins. Mixed. 7 ft. Pkt. 10c; oz. 30c.  
150 **Mixture.** Appreciating fully the splendid effects that a fine array of these desirable foliage plants will make in your garden, we have composed a mixture that for elegant blending is unsurpassed. Pkt. 10c; oz. 25c.  
151 **SALVIA splendens. Scarlet Sage.** There is nothing more effective in the fall or mid-summer than these immense bright scarlet flowers. Seed should be started either in the house from February until April or in hotbeds. Pkt. 10c; 1/4oz. \$1.00.  
152 **Bonfire.** Compact, bushy plants, producing innumerable, erect spikes of the most brilliant scarlet flowers. 2 1/2 to 3 ft. Pkt. 25c; 1/4oz. \$1.25.  
153 **America.** Early. Of dwarf, bushy, compact growth and very uniform in height and shape. Spikes of brilliant scarlet. 18 in. Pkt. 25c; 1/4oz. \$1.50.  
153A **Blaze of Fire.** Earliest of all. Bright scarlet. 10 in. Pkt. 25c; 1/4oz. \$2.00.  
312A **The Baby Salvia.** See page 3.

**SALPIGLOSSIS sinuata. Painted Tongue.**

Very beautiful hardy annual plants, flowering freely from July to early autumn. Rich soil should be provided with plenty of space for plants to develop.

- 154 **Exquisite.** Mixed, light blue and gold. A variety of rich coloring. Pkt. 10c.  
155 **SCABIOSA. Mourning Bride; Pin-cushion Flower; Egyptian Rose.** Beautifully colored flowers. Fine for cut-flowers. 2 1/2 ft. Rose, Blue, White, Maroon, Red, Yellow, and Mixed. Each, pkt. 10c.  
312 **Blue Moon.** Pkts. 10c and 25c.  
156 **SCARLET RUNNER.** Ornamental and useful Climbing Beans. Pkt. 10c; oz. 15c.  
157 **SENSITIVE-PLANT (Mimosa pudica).** A curious and interesting, half-hardy annual with pinkish flowers. Leaves close when touched. 1 1/2 ft. Pkt. 10c.  
158 **SMILAX.** A well-known greenhouse climber with small, dark green foliage. Of great value in floral work. Pkt. (15 seeds) 25c; 1/4oz. \$1.00.  
159 **SCHIZANTHUS. Butterfly or Fringed Flower.** A wide range of beautiful colors. Pkt. 10c.  
160 **Giant-flowered Hybrids, Florists' Strain.** Pkts. 25c and 50c.  
**SNAPDRAGON.** See Antirrhinum.  
**SNOW-ON-MOUNTAIN.** See Euphorbia.  
161 **SOLANUM, Christmas Pepper.** An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 25c.  
312B. **Integrifolium.** See page 3.  
162 **Cleveland Cherry.** Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c; large pkt. 30c.  
163 **STATICE.** These have become quite popular, the flowers being used extensively by many of the leading florists. The seeds, supplied in the dried flower-heads, may be started indoors or sown in the open when the weather gets warm. In order to secure satisfactory germination, the flower-heads should be placed in the soil on their sides. 18 in. All Colors Mixed. Pkt. 10c.  
164 **STOCK.** Half-hardy annual. Fine for cutting, bedding or edging, also pot-culture. 1 to 1 1/2 ft. White, Pink, Yellow, Crimson, Light Blue, Dark Blue, or All Colors Mixed. Each, pkt. 10c; 1/4oz. 50c.  
164A **For Forcing. Non Branching. Double Giant Mixed.** Pkts. 25c and 60c.  
164B **For Forcing. Base Branching.** Yellow, Pink, White or Blue and all colors Mixed. Each, pkts. 25c and 60c.  
165 **Evening-scented.** An old-fashioned favorite grown primarily for the entrancing fragrance of its pastel purplish lilac blooms. It is most fragrant during the evening hours. 18 in. Pkt. 10c.

**STRAWFLOWER.** See Helichrysum.



155 Scabiosa, Finest Mixed. Pkt. 10c





## Select Sweet Peas

For Sweet Pea Inoculation, see page 27. All Sweet Peas postpaid

Sow 1 ounce of seed to 9 feet of row

The soil for Sweet Peas should be rich and deep. A good loam, with plenty of well-rotted manure in it, is ideal for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Inoculating Culture. We can supply a special culture for Sweet Peas for 15c—enough for any ordinary garden. Place in a position fully exposed to the sunlight and air on both sides of row.

They should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Baltimore, or they can be planted in October or November for earlier blooming. For fall planting, they must be planted 6 inches deep; in spring, 2 inches deep. As soon as they are above ground, thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up, either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. The flowers should be cut as often as possible to prevent running to seed, which would cause them to stop blooming.



192 *Verbena hybrida compacta erecta*. Pkts. 10c and 25c

### Sunflower • Helianthus

Well-known annuals, the small-flowering sorts being useful for cutting; the tall varieties valuable for backgrounds.

**167 Sun Gold.** Double, large, golden yellow. 4 to 5 ft. Pkt. 10c.

**168 Excelsior Hybrids.** Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Tall. Pkt. 10c; oz. 60c.

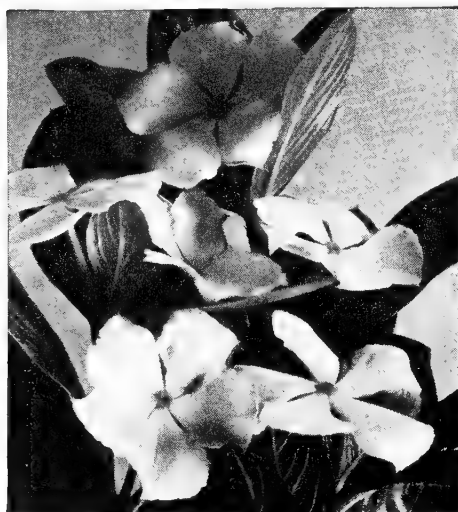
**169 Russian Mammoth.** Immense single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c; oz. 25c.

**170 STEVIA serrata.** Free-blooming plants for summer or winter, bearing a profusion of fragrant white flowers. Fine for cutting. 2 ft. Pkt. 10c; large pkt. 30c.

**171 THUNBERGIA alata.** *Black-eyed Susan*. Beautiful, very ornamental climber. Flowers of various colors. Pkt. 10c.

**166 TITHONIA, Torch.** See back cover.

**172 TORENIA Fournieri.** Showy annual flowering all summer. Splendid for vases, hanging-baskets or border. Flowers sky-blue with yellow centers. 1 ft. Pkts. 15c and 40c.



193 *Vinca rosea*. Pkts. 10c and 30c

**172B Spring-Flowering Cuthbertson Varieties.** A new type of Sweet Pea characterized by its excellent heat resistance. Comes into bloom midway between the early and late Spencers and continues much longer even in hot weather. Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00.

**172A Superb Spencer Sweet Pea Mixture.** This superb Mixture is blended by us with extraordinary care from named varieties of the most improved large-flowering type, including recent American and European novelties, as well as a great many new hybrids, as yet unnamed, insuring gorgeous color effect. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.



173 Sweet Pea, Charming Pkt. 10c

### Separate Colors

**173 Charming.** Glowing cerise. Very fine immense blooms.

**174 Flagship.** Deep navy.

**175 The Sultan.** Maroon.

**176 Avalanche.** Glistening large pure white.

**177 Highlander.** Clear lovely lavender.

**178 What Joy.** This is a fine, rich deep cream.

**179 Pinkie.** A glorious rich rose-pink.

**180 Chieftain.** Satin mauve; very fine.

**181 Red Boy.**

**182 Bonnie Briar.** Very deep rose-pink.

**183 Royal Purple.**

Each, pkt. 10c; oz. 30c; 1/4 lb. \$1.00; lb. \$3.00

### Winter-flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five to six weeks earlier than the regular Spencer or Orchid-flowered type, and if the flowers are kept cut, they will continue to bloom for a long time.

**184 Coquette.** Deep salmon.

**185 Bacchus.** Rich red.

**186 Bridesmaid.** Deep silvery pink.

**187 Tahoe.** Mid-blue self.

**188 Fragrance.** Clear lavender.

**189 Hiawatha.** Deep rose-pink.

**190 Gardenia.** Best white.

**191 All Colors, Mixed.**

Each, pkt. 15c; oz. 75c

**HARDY SWEET PEAS.** See No. 263.

**192 VERBENA hybrida compacta erecta, Florists' Strain.** Our Mammoth Fancy Strain cannot be surpassed for profusion of bloom and beautiful colors and shades. White, Red, Pink, Blue, Blue with cream eye, Red with white eye, and All Colors Mixed. When ordering, state color wanted. Each, pkts. 10c and 25c; 1/4 oz. 75c.

**193 VINCA rosea. Madagascar Periwinkle.** Dwarf bedding plants with deep green, glossy foliage and bright, single blossoms of striking beauty. Sow early. White, with Pink Eye; White, Pink, Crimson, and All Colors Mixed. Each, pkts. 10c and 30c; 1/4 oz. 60c.

To have success, use *Nitragin Inoculation* on Sweet Peas. Garden size 15c. For particulars, see page 27.

### ORDER BY NUMBER AND NAME



319 *Zinnia, Giant Crested Howard, Mixed*. Pkt. 15c; large pkt. 25c



## Zinnias (Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.



203 Dahlia-flowered Zinnia, Mixed. Pkt. 10c

### Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling decorative dahlias that when placed by their side, it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

- 194 **Canary Bird.** Primrose-yellow.
- 195 **Crimson Monarch.** By far the largest and best of the red shades. Plants very vigorous.
- 196 **Dream.** A fine deep lavender turning to violet—a new, desirable shade in Zinnias.
- 197 **Exquisite.** One of the most pleasing in the collection. Truly Dahlia-flowered as regards form and size. Light rose.
- 198 **Golden Dream.** A very rich golden yellow.
- 199 **Will Rogers.** Bright Scarlet red.
- 200 **Purple Prince.** A fine, deep purple, large and well formed.
- 201 **Oriole.** One of the most beautiful of its class. An immense orange and gold bicolor, changing slightly as it ages.
- 202 **Polar Bear.** A very large pure white. The best white yet seen in Zinnias.

Each, large pkt. 10c; 3 pkts. 25c; oz. \$1.25

### Collection:

One pkt. each of the above 9 sorts, 75c

- 203 **Finest Mixed.** Containing a wonderful range of beautiful colors. Pkt. 10c; 3 pkts. 25c; oz. \$1.00.

### Fantasy or Chrysanthemum-flowered

Quite different from any other type.

- 204 **Star Dust.** Golden yellow. Gorgeous bedding variety and an exceptional cut-flower.
- 205 **Wildfire.** Dazzling scarlet.
- 206 **White Light.** Fine white.
- 206A **Mixed.** A bright, colorful mixture of many shades. Pkt. 10c; oz. \$1.25.
- 318 **Cactus-Flowering Giants.** Pkts. 15c and 25c.

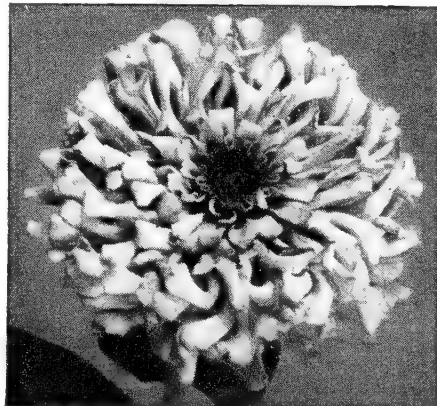
- 207 **Super Crown o'Gold, Pastel Tints.** The many exquisite pastel tints represented in this glorious new strain are truly enchanting. Flowers are large and showy, more than 5 inches in diameter, and are borne profusely throughout the summer and fall on plants 3 feet tall. Pkt. 10c; special pkt. 25c.

- 207A **SCABIOUS-FLOWERED.** The plant reaches a height of 40 inches and flowers profusely. Its outstanding feature consists in the formation of the flower forming an outer ring of long petals, whereas the center shows many small flowers which at first sight have a great likeness to the scabiosa. Mixed colors. Pkt. 10c.

- 208 **DWARF DOUBLE.** Cut and Come Again. Compact bushes not over 2 feet in height. Scarlet, Pink, Yellow, White, and All Colors Mixed. Each, pkt. 10c; oz. \$1.00.

**CALIFORNIA GIANTS.** Plants grow to a height of 3 to 4 feet with immense, perfectly double, flat flowers, splendid for cutting or garden effect.

- 209 **Brightness.** Bright pink.
- 210 **Daffodil.** Canary-yellow.
- 211 **Grenadier.** Bright red.
- 212 **Lavender Queen.** Deep rosy lavender.
- 213 **Purity.** Best white in Zinnias.
- 213A **Orange King.** Burnt orange.  
Each, pkt. 10c; special pkt. 25c; oz. \$1.25;  
Special, 1 pkt. of each, 50c
- 214 **California Giants, Mixed.** Pkt. 10c; special pkt. 25c; oz. \$1.25.



318 Cactus-flowering Giant Zinnia, Mixed. Pkt. 15c

- 215 **LILLIPUT or POMPON.** A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small, densely double flowers on long stems, held well above the foliage. Make a good border or bed and are of more than usual value for cutting. Yellow, Purple, Pink, Red, White, Golden Orange, and All Colors Mixed. Each, pkt. 10c; oz. \$1.00. One pkt. of each color (6 pkts.), 50c.
- 216 **Lilliput Pastel Mixture.** Delicate pastel shades. Pkt. 10c; oz. \$1.00.
- 216A **Black Ruby.** Velvety maroon.

### THE BOOK OF ANNUALS

By Alfred Carl Hottes

Describes over 100 kinds of annuals.  
171 pages, \$2.00, postpaid \$2.10

- 319 **Giant Crested Howard.** Pkts. 15c and 25c.

- 217 **LINEARIS.** Single; golden orange with yellow stripe on each petal. Fine for border or window-boxes. Early. Blooms profusely until frost. A neat, compact plant. 10 in. Pkt. 15c; 2 pkts. for 25c.

- 218 **TOM THUMB MINIATURE, Mixed.** A charming type with plants growing 6 to 10 inches high, forming compact little bushes covered with perfectly double blooms of miniature size. Includes all popular Zinnia shades such as red, orange, yellow, pink, rose, and many others. Pkt. 10c; ¼oz. 50c.

- 219 **HAAGEANA, MEXICAN HYBRIDS, Mixed.** Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display, with long stems. Exceptionally good for house decorations. The mixture contains many attractive colors and color combinations. Pkt. 10c; large pkt. 50c.

- 220 **CREeping ZINNIA** (*Sanvitalia procumbens*). For beds, borders and edging. The 6-inch plants bloom all summer and fall. Small bright yellow flowers. Pkt. 10c; ¼oz. 75c.

## 220A Annual Cut-Flower Mixture

*A Surprise Collection, Containing Practically Every Annual in Existence*

Large borders, walks, shrubbery borders, and the like, may be pleasingly brightened by freely sowing mixed flower seeds. And at blooming time, some of the cheery flowers may be cut and transferred indoors. Be careful not to sow the seeds too close together. Pkt. 10c; oz. 30c; ¼lb. \$1.00; lb. \$3.00.

- 220B **Wild Flowers for Sunny Places.** Pkt. 15c; 2 pkts. 25c.

- 220C **Wild Flowers for Shady Places.** Pkt. 25c; 3 pkts. 70c.

- 220D **Wild Flowers for Damp Places.** Pkt. 25c; 3 pkts. 70c.



207A Scabious-flowered Zinnias. Pkt. 10c.

# PERENNIAL AND BIENNIAL FLOWER SEEDS

Pkt. 10c, unless otherwise noted  
Cultural Directions for Sowing Perennial and Biennial Flower Seeds

Perennial seed may be sown outdoors from May until September. A good, finely sifted soil should be used, to which add some sand and granulated peat moss. It is absolutely necessary that a shaded location be selected, or if sown in a coldframe, lath coverings or sash covered with burlap should be used. The soil must be kept moist at all times, therefore we deem it advisable to sow in this manner. If the soil should become dry for only a short period, the seed would be destroyed.

A common mistake in sowing flower seeds is covering too deeply; as a general rule cover only to a depth of the thickness of the seeds.

Some seeds are of much slower germination than others, therefore it is wise not to be impatient. For instance, Hardy Primulas will often lie dormant in the ground for six months to a year; Columbines and other varieties of a like nature, two to three months. As soon as the plants are large enough to handle, they should be transplanted to the permanent location in the perennial border or nursery rows.



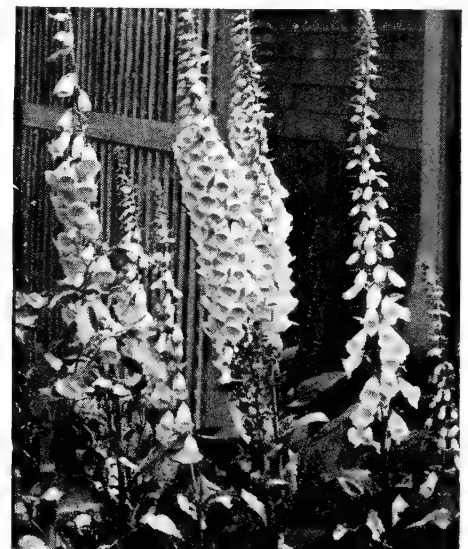
235 Columbine (Aquilegia). Pkt. 10c

- 221 *ANCHUSA italica*, **Dropmore**. Rich gentian-blue. 3 to 5 ft. May, June. Pkt. 10c.
- 222 *ANTHEMIS tinctoria*. **Hardy Marguerite**. A handsome, hardy perennial, bearing daisy-like bright yellow flowers all summer. Excellent for cutting. 2 ft. Pkt. 10c.
- 223 *ACONITUM*. **Monksblood**. Pkt. 10c.
- 224 *ALYSSUM saxatile*. **Basket of Gold**. Yellow. For rock-gardens. Pkt. 10c.
- 225 *ANEMONE coronaria*, **St. Brigid**. **Choice Double, Mixed**. Anemones are easily grown from seed, bloom early when good cut-flowers are scarce, and are perfectly hardy. Semi-double. Pkt. 10c.
- AQUILEGIA**. See **Columbine**.
- 226 *ARMERIA formosa*. **Sea-Pink; Thrift**. Large, brightly colored, ball-shaped flowers. 16 in. Pkt. 15c.
- 227 *ARABIS*. **Rock-Cress**. Early spring-flowering plants especially adapted for edging and rockery. Pure white blossoms in May. 6 in. Pkt. 10c.
- 228 *ASTER*, **PERENNIAL**. **Michaelmas Daisy**. Pkt. 25c.
- 315B **HARDY BORDER BLEND**. See page 3.
- 228A **BRAZILIAN BUTTERFLY FLOWER** (*Asclepias*). 30 in. Blooms first year from seed. Buff, gold, and orange-scarlet. Fine cut-flower. Pkt. 15c; 2 pkts. 25c.
- BELLIS**. See **Daisy, English**.
- 307B **BUDDLEIA BLEND**. See page 3.
- 229 *CAMPANULA Medium*. **Canterbury Bells**. Biennials which, if sown during the summer, bloom the following June, after which the plants die. They are fine border plants.
- Single, Cup-and-Saucer**. Blue, Pink, White, or Mixed. Each, pkt. 10c.
- 229A *Perennial Campanula Persicifolia*. **Finest Mixed**. Pkt. 15c.
- 230 *CANDYTUFT*, **Perennial (Iberis)**. White, Lilac, and Mixed. Each, pkt. 15c; ¼oz. \$1.25.
- 230A *CATANANCHE caerulea*. Blue. 24 in. Pkt. 15c.

- 231 **CARNATIONS, Hardy Border**. Dwarf, compact plants with a great profusion of double flowers in various colors. Carnations like lime. 1 ft. Red, Pink, White, Yellow, and Mixed. Each, pkt. 25c; ¼oz. \$1.50.
- 231A *CERASTIUM tomentosum*. **Snow-in-Summer**. Dwarf, white-leaved edging plant. Flowers white. Pkt. 10c.
- 232 **CHINESE LANTERN PLANT**. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits which can be cut and dried for winter bouquets. Pkt. 10c.
- 233 *CHEIRANTHUS Allioni*. **Siberian Wallflower**. A biennial. Brilliant orange flowers. 1 ft. For the rock-garden. Pkt. 10c.
- 321A *CHRYSANthemums*, **Arctic Hybrids**. See page 3.
- 322B **Old Orchard Glories**. See page 3.
- 234 *COREOPSIS*, **Mayfield Giant**. A hardy perennial bearing a profuse and long-continued succession of large, bold, golden yellow flowers during the whole summer. Seed sown in March will flower the same season. 2½ ft. Pkt. 10c.
- 234A **Double, Sunburst**. Large; golden yellow. Fine cut-flower. Pkt. 10c.
- 235 **COLUMBINE (Aquilegia)**. Graceful plants with long-spurred flowers. Thrives under ordinary garden culture. Orange and Scarlet, Blue, Pink, White, Yellow, and All Shades, Mixed. Each, pkt. 10c.
- 236 **Mrs. Scott Elliott's Strain**. Pkt. 25c.
- 237 **DAISY, English, Double (Bellis perennis)**. Seed should be sown from June 1 until September, transplanted in the fall, and they will flower the following spring. If sown in the spring, they will flower in the autumn. 4 in. White, Pink, Crimson, and White Pink center, and Mixed. Each, pkt. 25c. Colors ¼oz. \$1.50; Mixed ¼oz. 75c.

- SHASTA DAISY**. Very large, white flowers on long stems.
- 238 **Single**. Pkt. 10c.
- 239 **Double**. Fine for cutting. Extra-large. Pkt. 25c.
- DELPHINIUM**. **Hardy Perennial Larkspur**. Highly prepossessing plants of stately appearance and of easiest culture. Their main season of bloom is in June, but if the flower-spike is cut back promptly it will branch and flower all through fall.
- 240 *Bellamosum*. Deep blue. Pkt. 10c; ¼oz. \$1.00.
- 241 *Belladonna*. Light blue. Pkt. 10c; ¼oz. \$1.00.
- 242 **Galahad Series**. Pure white. Pkt. 25c.
- 243 **Prize Mixture of Tall Varieties**. A glorious strain, comprising outstanding colors and varieties. Pkt. 10c; ¼oz. \$1.00.
- 244 **Wrexham Extra-Double New Hybrids**. Hollyhock Strain. Large, double flowers in big heavy spikes. A fancy blending of light and dark shades. Pkts. 25c and 50c.
- 244A **Pacific Giants, Round Table Series**. The finest hybrids. Pkts. 25c and 50c. ½ oz. \$2.00; ¼oz. \$3.50.
- 245 **Pacific Giants, Guinevere Series**. Pink, lavender. Pkts. 25c and 50c.

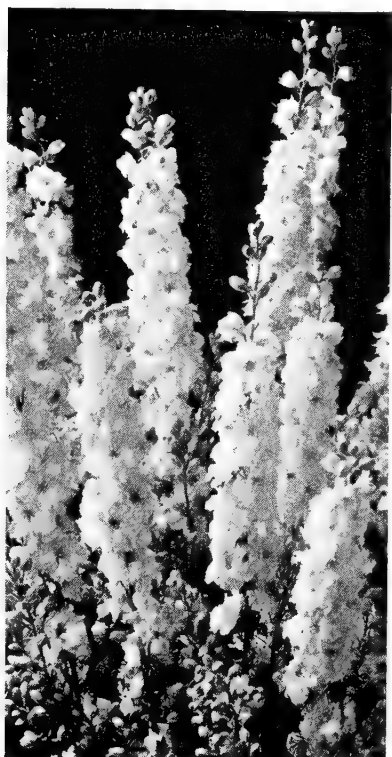
- 246 *DIANTHUS plumarius*. **Garden Pinks**. Should be in every garden where cut-flowers are wanted, and make a fine edging to a hardy border.
- Single or Double Mixed**. Pkt. 10c.
- 246A **Clove Pink**. Double, sweet scented. Pkt. 15c.
- 311A **Highland Hybrids**. See page 3.
- 246A *DICTAMNUS fraxinella*. Pink. 30 in. Pkt. 15c.
- 247 *DIGITALIS*. **Foxglove**. Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.
- Gloxiniaeflora, Mixed and The Shirley**. Large spotted flowers. Mixed. Each, pkt. 10c.
- 248 **FLAX (Linum)**. **Bright Blue**. 24 in. **Yellow**. 12 in. Each, pkt. 10c.
- 249 **FEVERFEW**. Double; white. Fine for cut-flowers. 1½ ft. Pkt. 10c.
- 250 **GEUM**. Double flowers of intense orange-scarlet. For sunny location. 2 ft.
- Mrs. Bradshaw**. Double; scarlet.
- Lady Stratheden**. Golden yellow. Each, pkt. 10c.
- 251 **GAILLARDIA, Mixed**. If sown early, will bloom first season. Pkt. 10c.
- 252 **Goblin**. Compact plants 12 to 15 inches high, covered with yellow-bordered deep red flowers. Pkt. 10c.
- 253 *GERBERA*. **Transvaal Daisy**. Tender perennial producing showy, daisy-like flowers on long stems. Pkt. 25c; 100 seeds 75c.
- 249A **GLOBE THISTLE (Echinops)**. 5 ft. Pkt. 15c.
- 254 *GYPSOPHILA paniculata alba*. White. Pkt. 10c.
- 256 *HIBISCUS*. **Mallow**. Easily grown, strong plants with large, showy flowers. 4 ft. Various colors mixed. Pkt. 10c.
- 257 *HEUCHERA sanguinea*. **Coral-Bells; Alumroot**. Spikes of vivid crimson flowers. Excellent for cutting. 1 ft. Pkt. 25c.



247 Digitalis (Foxglove) Pkt. 10c

ORDER BY NUMBER AND NAME

- 258 HELIANTHEMUM mutabile.** *Rock-or Sun-Rose.* A very pretty perennial for the rockery, completely covered with masses of bloom from July to September. 1 ft. Choice mixed varieties. Pkt. 10c.
- 259 HOLLYHOCK, Double.** Maroon, White, Yellow, Newport Pink, Crimson, and Mixed. Each, pkt. 10c.
- 260 Single.** Choice colors, mixed. Pkt. 10c.
- 261 HONESTY (Lunaria).** Hardy biennial, admired for its silvery seed-pods which are used for ornamental purposes. Beautiful and curious. 2 ft. Pkt. 10c.
- 316B IRIS, Avalon Blend.** See page 3.
- 262 KUDZU VINE (Pueraria Thunbergiana).** A beautiful climber, remarkable for its great vigor of growth and its handsome purple flowers. Perfectly hardy, increasing in size and beauty year after year. Fine for arbors, verandas, etc. Pkt. 10c.
- 263A LIATRIS, September Glory.** Gay-feather. Purple. 6 ft. Pkt. 15c.
- 263 LATHYRUS latifolius.** *Perennial Sweet Pea.* Showy, hardy climber fine for covering walls and stumps. Free flowering. Pink, Red, White, and Mixed. Each, pkt. 10c; oz. \$1.25.
- 264 LUPINUS.** Hardy perennials of easy culture, with graceful spikes of pea-shaped flowers in May and June. 2 to 3 ft. Blue, Pink, White, and Mixed. Each, pkt. 10c.
- 265 Russell Lupins.** Pkts. 25c and 50c.
- 266 LAVENDER, Munstead Strain.** Deep lavender. 1 ft. Pkt. 10c.
- 316A LILY, Special Blend.** See page 3.
- 316C LILIUM formosum.** See page 3.
- 267 LYCHNIS chalcidonica.** *Maltese Cross.* Star-shaped scarlet flowers. 2 ft. Pkt. 10c.
- LUNARIA.** See *Honesty*.
- MYOSOTIS.** *Forget-me-not.* Beautiful half-hardy perennials, succeeding best in moist, shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering, seed should be sown in frames in July or August.
- 268 Alpestris.** Plants of bushy habit, bearing bright royal blue flowers. Very fine. For rock-garden. 1 ft. Pkt. 15c.
- 269 Grandiflora alba.** White. Pkt. 15c.
- 269A Grandiflora rosea.** Pink. Pkt. 15c.



**244A Delphinium, Pacific Giants, Round Table Series.** Pkts. 25c and 50c

- 270 NEPETA Mussini.** A favorite perennial. Blue-gray foliage. Pale mauve flowers. For rock-garden. 9 in. Pkt. 25c.
- 271 OENOTHERA Lamarckiana.** *Evening-scented Primrose.* Yellow biennial. 3 ft. Pkt. 10c.
- 271A Youngi.** Golden yellow. 1½ ft. Pkt. 10c.
- 272 PENTSTEMON grandiflora, Mixed.** A splendid mixture of flowering sorts in a good range of colors. Hardy. Pkt. 15c.
- 273 POPPIES, Oriental.** Perfectly hardy plants with enormous flowers. 3 ft. Mixed. Each, pkt. 15c.
- 274 Flaming Scarlet.** Pkt. 15c.
- 275 Mrs. Perry.** Rich salmon-pink. Pkt. 25c.
- 276 Iceland.** These dwarf, bright Poppies are most beautiful when grown in masses from seed sown every year. 1 ft. Salmon-Pink, Red, Orange, Yellow, and Mixed. Each, pkts. 10c and 25c.
- 277 PHYSOSTEGIA.** *False Dragonhead.* Very pretty, making dense bushes, bearing freely, delicate, tubular pink flowers. July, August. 3 to 4 ft. Pkt. 15c.
- 278 PRIMULA veris, Hybrids.** *Cowslip Primrose.* Hardy Primroses are among the most prized of our spring-blooming plants. 1 to 1½ ft. Mixed colors. Pkt. 25c.
- 279 Malacoides.** *Primrose.* Winter- and spring-blooming pot-plant. Pkt. \$1.00.
- 314B Avalon Blend.** See page 3.
- 280 PLATYCODON grandiflorum japonicum.** *Balloon-Flower.* Blue, bell-shaped flowers all season. 2 to 3 ft. Pkt. 15c.
- 281 PYRETHRUM.** Handsome hardy perennial plants for the herbaceous border. Single Mixed. Pkt. 25c. Single and Double Mixed. Pkt. 25c.
- 282 Dark Red, Kelway Strain.** Pkt. 25c. Supply doubtful.
- 283 PHLOX, HARDY.** For a gorgeous show these are the most satisfactory of all perennial plants. Mixed colors only. Pkt. 25c; ¼oz. \$1.00.
- 283A Rock-Garden Mixture.** All perennials. Choicest dwarf varieties. Pkt. 15c.
- 284 RUDBECKIA purpurea.** *Showy Cone-flower.* One of the finest of autumn-flowering perennials, bearing large flowers made up of reddish purple petals surrounding a big black cone. Pkt. 10c.
- 285 SALVIA, Cambridge Blue.** Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt. 15c.
- 286 STATICE latifolia.** *Sea-Lavender.* Splendid hardy perennials for either the border or rockery, producing, all summer, panicles of minute purplish blue flowers which can be dried and used for winter bouquets. 2 ft. Pkt. 10c.
- 287 SAPONARIA ocymoides.** A splendid plant for the rockery. Rose-colored flowers. 9 in. Pkt. 10c.
- 288 SCABIOSA.** One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water. 3 ft. Lavender, White, Pink and Mixed. Each, pkt. 10c.
- 289 Isaac House Strain.** An improvement on the above with larger flowers and longer stems. Color, from soft lavender to dark blue. Mixed. Pkt. 15c.
- 290 STOKESIA laevis.** *Cornflower Aster.* Blooms all summer. Large, attractive, blue flowers, resembling asters. Fine cut-flow-ers. 2 ft. Pkt. 10c.
- SWEET PEAS.** See *Lathyrus*.
- 291 SWEET ROCKET (Hesperis).** Excellent for naturalizing among shrubbery or for planting in a permanent border. Purple, White or Mixed. 2 to 3 ft. Pkt. 10c.



**292 Sweet William (Dianthus barbatus).** Single. Pkt. 10c

- 292 SWEET WILLIAM (Dianthus barbatus).** This is one of the finest of our hardy garden plants. Single or Double Mixed. Pkt. 10c; oz. \$1.00.
- 292A Separate Colors:** Single Scarlet, Newport Pink, White, Auricula-eyed, Dark Crimson. Each, pkt. 15c.
- 293 Dwarf or Alpine.** A single strain of excellent dwarf type, most suitable for edging and rock-gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. 12 to 15 in. Pkt. 25c; large pkt. 75c; oz. \$4.00.
- 293B Double Dwarf Sweet William.** Pkt. 15c; oz. \$1.50.
- 294 TRITOMA hybrida.** *Red-Hot Poker; Flameflower; Torchlily.* Pkt. 15c.
- 295 VALERIANA.** *Garden Heliotrope.* Hardy perennial border plant. Large, fragrant flowers with odor resembling that of the heliotrope. 2 to 3 ft. Red, White and Mixed. Pkt. 10c.
- 296 VERONICA.** *Speedwell.* June, July. Dwarf mixed. Pkt. 10c.
- 297 VIOLA cornuta.** *Tufted Pansy.* For rock-garden. All colors mixed. Pkt. 25c.
- 298 Blue Gem (Jersey Gem).** Possess the dwarf habit and continuity of bloom of the Tufted Pansy, but is of more vigorous growth, making it one of the finest bedding varieties. Blooms rich violet, slightly perfumed. For rock-garden. No seed. Crop failure.
- 310A Johnny Jump-Ups.** See page 3.
- 298A Sweet-Scented Violet, The Czar.** Pkt. 25c.
- 299 WALLFLOWER.** Favorite sweet-scented flowers of fine colors. Splendid for cutting and useful as spring bedders. Single, Mixed. Pkt. 10c. Double, Finest Mixed. Pkt. 25c.
- Siberian.** See *Cheiranthus*.

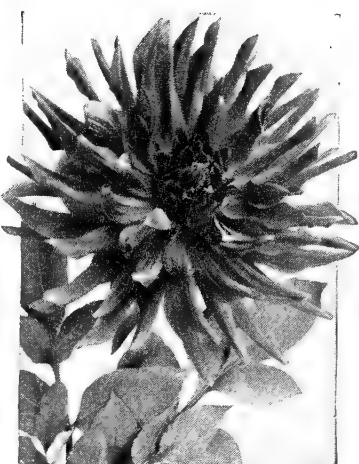
## The Book of Perennials By Alfred C. Hottes

Tells how to grow successfully and enjoy over 145 genera of our most popular and durable of border plants. Lists of different perennials for different purposes and a condensed tabular list of over 500 species. Gives general principles of growing, using, selecting, propagating; discusses insect and disease troubles and remedies. 280 pages, 103 illustrations. Cloth \$2.75, postpaid \$2.90.

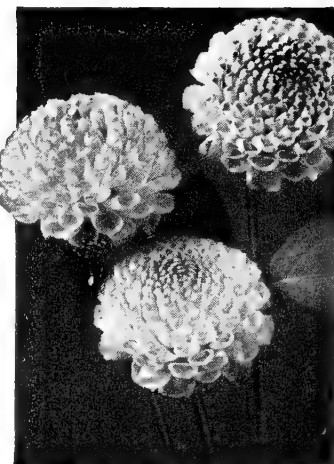
**ORDER BY NUMBER AND NAME**  
All Flower Seeds sent postpaid.



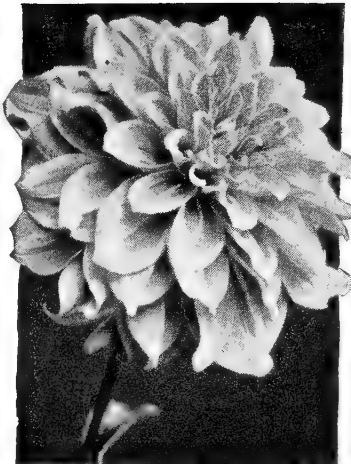
Decorative



Cactus



Pompon



Decorative

## SUPERB DAHLIAS

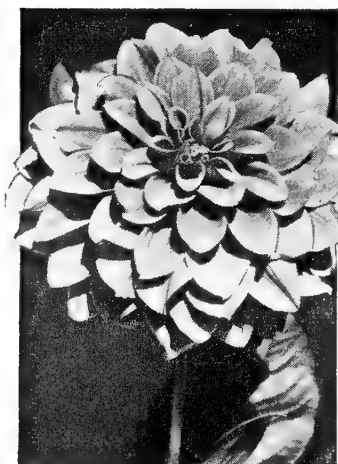
The Dahlias we are offering this year are of exceptional merit and have all proved to be prolific bloomers  
Each division is carefully and separately labeled

**CULTURE.** Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with Wizard Brand Manures and Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply ¼ pound of commercial fertilizer to each plant and work in thoroughly.

For Parcel Post orders on Dahlias, add 5c to each; 25c for each dozen

### Large-Flowering Decorative Varieties

	Each
All American. SC. Soft carmine with orange undertone..	\$0 75
Avalon. FD. Yellow.....	35
Blue Jersey. FD. Lavender-pink.....	50
Bronze Ball. Solid bronze.....	35
California Idol. FD. Large deep yellow.....	60
Cherokee Brave. ID. Oxblood-red.....	60
Gallant Fox. FD. Luminous dark red.....	35
Jersey Beauty. FD. Pink.....	35
Jersey Red Beauty. FD. Deep red.....	35
Jersey White Beauty. FD. Pure white.....	35
Lois Walcher. FD. Bicolor—purple tipped white.....	50
Mrs. Geo. LeBoutillier. ID. Red.....	35
Mrs. I. de Ver Warner. FD. Mauve-pink. Very popular..	35
Thomas Edison. FD. Royal purple. A fine exhibition sort.	60
Victory. FD. Rose-pink suffused gold.....	60
White Wonder. ID. White; large. A beauty.....	35



Jersey Beauty

### Special Offer!

One each of the above 16  
varieties for **\$6.75**

One each of the nine 35c  
varieties for **\$2.75**

One each of the remaining  
7 varieties for **\$3.75**

C—Cactus; IC—Incurved Cactus; SC—Semi-Cactus; FD—  
Formal Decorative; ID—Informal Decorative; B—Ball. Mini-  
ature: MC—Cactus; MSC—Semi-Cactus; MFD—Formal Dec-  
orative; MID—Informal Decorative; MP—Miniature Peony.

### Large-Flowering Cactus Type

	Each
Frau O. Bracht. Clear yellow. A real beauty.....	\$0 40
Jersey Dainty. Pure white.....	40
Mme. Jussiant. Delicate lavender.....	50
Pink Flamingo. New rose-pink.....	75
Son of Satan. Very large scarlet.....	50

### SPECIAL OFFER

One each of these 5 Dahlias for **\$2.25**

### Miniature Dahlias

	Each
Anita. New pure white.....	\$0 35
Baby Hale. Fine new bronze.....	30
Bloodstone. Blood-red.....	35
Dantiball. Delicate lavender.....	40
Fairy. Pink.....	25
Pequot Yellow. Single; very fine.....	35
Roxana. Royal purple.....	30
Suffolk. Deep orange.....	30

### SPECIAL OFFER

One each of the above 8 Dahlias for **\$2.35**

### Pompon Dahlias

	Each
Coral Glow. Pink.....	\$0 25
Edith Mueller. Apricot and red.....	25
Joe Fette. White.....	25
Little Edith. Yellow shaded rose.....	25
Little Herman. Red and white.....	25
Morning Mist. White tipped lavender.....	25
Red Warrior. Fine bright red.....	25
Sherry. Violet-purple.....	25
Yellow Gem. Canary-yellow.....	25

### SPECIAL OFFER

One each of the above 9 Dahlias for **\$2.00**



# SUPERFINE GLADIOLUS

## Novelty Collection

**LANTANA.** Early. Orange shading through orange-salmon, with a golden throat. A very distinctive, vivid color. Opens seven to nine well-placed blooms on a medium tall plant.

**LAVENDER PRINCE.** Midseason. A beautiful shade of deep lavender. Will open six perfect blooms on a tall, straight plant.

**MISS WISCONSIN.** Early midseason. Very pretty rose-pink. No other Gladiolus like it. Opens up to eight blooms on a medium tall spike. Enjoys the distinction of being the only variety in its color class.

**NANCY.** Late midseason. A clean smooth red shading to a more vivid color. It will open seven large blooms, with seven buds showing color. Will grow 50 inches tall, with a 25-inch flower head. Always good placement and very healthy. It received the grand champion award in 1949 at the Michigan State Gladiolus Show.

**PAUL RUBENS.** Deep violet-purple. Large flowers of heavy texture on tall, strong stems. Will open seven or more flowers at a time, of perfect placement; always straight spike.

**SILVER WINGS.** Midseason. Pure white sport of Picardy. It has all the qualities of a Picardy spike.

**NOVELTY COLLECTION:** 15c each; 2 of each (12 bulbs), \$1.50; \$10.00 per 100. 50 at 100 rate.

**Our Bulbs Are 1½ Inches and Up**  
If to be sent by Parcel Post, add postage at 12c per doz.; 35c per 100

Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and 6 inches apart.

**THRIP REMEDY.** 2 tablespoonfuls of Tartar Emetic, 4 tablespoonfuls of sugar and 3 gallons of water. See page 46.



Gladiolus, Abu Hassan

## Giant-flowering Mixed Gladiolus

First Size

Composed of all named varieties in gorgeous blending  
75c per doz.; \$5.00 per 100. 50 at 100 rate

### Gladiolus Collection No. 1

**Abu Hassan.** Fine dark violet-purple. Tall, strong, upright spike with as many as eight to ten flowers open at a time.

**Burma.** A very deep reddish rose with wide-open, heavily ruffled blooms. Eight or more ruffled florets of heavy substance open at a time on a straight spike. One of the best of all Glads.

**Blue Beauty.** Giant blue; large, wide-open blooms. Strong grower.

**Corona.** Very light pink, picotee edged.

**Elizabeth the Queen.** Beautiful clear mauve with darker lines in throat.

**Ethel Cave Cole.** Florets of pure pale pink.

**Leading Lady.** A cream sport of Picardy. A beautiful cream-white with canary-yellow throat. Spike, flower and habits identical with Picardy.

**New Europe.** Vivid garnet-red with a small purple stripe in the throat.

**Picardy.** Clear flesh-pink, quite unmarked, shading to soft shrimp-pink at the petal edges. Flowers are often 6 inches or more across, and as many as ten open in full glory at one time on the tall, straight spikes.

**Red Charm.** Medium shade of red that is very attractive. Well-formed spikes with eight to nine large, well-placed blooms open at a time.

**Vagabond Prince.** Very attractive. Brown-red blotch.

**White Gold.** Clear light cream shading to a golden throat. Four to six huge, well-placed blooms on a long head. Tall and very vigorous. Can be grown to produce amazing spikes of blooms.

**COLLECTION NO. 1:** 10c each. One of each (12 varieties), \$1.10; \$8.00 per 100. 50 at 100 rate.

Bulbs kept separately, same price

### Gladiolus Collection No. 2

**Badger Beauty.** Beautiful lavender, creamy white throat.

**Beacon.** Clear bright rose-scarlet with large cream blotch. Extremely showy. Opens eight to ten medium large, somewhat ruffled blooms on a tall, straight, willowy spike.

**Bit o' Heaven.** Rich orange. Very tall.

**Dream of Beauty.** A rosy purplish red (deep wine color) of great beauty.

**Jules Amot.** Glistening deep dark red, perfectly placed on a long, straight stem; six to eight flowers open at a time.

**Margaret Beaton.** Ivory-white with small scarlet blotch. Tall, well-formed spike with six to eight well-placed blooms.

**Margaret Fulton.** Soft medium dark salmon. Early.

**Oregon Gold.** Perfectly formed, ruffled light yellow flowers.

**Purple Supreme.** Tall plant with many large, well-placed, bright purple flowers. An excellent cut-flower.

**Rosa van Lima.** One of the finest bright light rose-pink Gladiolus ever offered; has a harmonizing small spot of deeper orchid-violet. Apple-blossom-pink. Many florets open at one time on tall, straight spike.

**Snow Princess.** Pure white and much in demand.

**Spotlight.** Clear, medium deep yellow with small scarlet blotch in throat. Opens up to seven florets on a long, slender stem. By far the best deep yellow.

**COLLECTION NO. 2:** 8c each. One of each (12 varieties), 90c; \$6.75 per 100. 50 at 100 rate.

Bulbs kept separately, same price

## MISCELLANEOUS BULBS



Fancy-leaved Caladium

### Fancy-leaved Caladiums

Will do well outdoors as well as in pots in a half-shaded exposure, with plenty of moisture and rich humus-containing soil. Culture same as Begonias. Illustrated on 3d. cover.

**Candidum.** Snow-white, green veins.

**Orinoco.** Transparent pink, green border.

**Rising Sun.** Brilliant deep red.

**Sarocaba.** Transparent pink, greenish ribs and veins.

**Scarlet Pimpernelle.** Scarlet, yellow center.

**Silver Cloud.** White, ribs red.

Each of above; 30c each; \$3.00 per doz. If to be sent postpaid, add 2c each; 12c per doz.

### Caladium - Elephant's-Ear

As centerpieces in flower-beds, Caladiums answer well. Monster bulbs, 30c each; \$3.00 per doz. If to be sent postpaid, add 12c each; 50c per doz.

### Begonias, Tuberous-rooted

Enormous, waxlike flowers appear uninterruptedly from June until frost. Start indoors in February, and transfer when frosts are over.

We are offering single and double varieties in Crimson, Pink, Yellow, Scarlet, White, Salmon, and Mixed. Also Pendula, Hanging Basket type, in salmon, red and yellow. 1½ to 2-in. bulbs 25c each; \$2.50 per doz. If to be sent postpaid, add 2c each; 20c per doz

### Superfine Canna Bulbs

**CULTURE.** Canna tubers should not be put into the ground until the soil has become warm. Start indoors middle of March. They commence blooming in June and continue until frost.

#### GREEN FOLIAGE VARIETIES

**Eureka.** The best white Canna for all purposes. 4 ft.

**Golden Gate.** Golden yellow with orange-crimson center. 4 ft.

**King Midas.** Pure gold. 3 ft.

**Mrs. A. F. Conard.** The grandest salmon-pink. 4 ft.

**The President.** This splendid variety produces immense flowers of a rich, glowing scarlet. Green foliage. 3½ ft.

Cannas continued on page 40



Superfine Cannas

### BRONZE FOLIAGE CANNAS

**Ambassador.** Cherry-red flowers of immense size. 4 ft.

**King Humbert.** Coppery scarlet flower and broad, deep bronze foliage. 4 ft.

**Shenandoah.** Salmon-pink. 4 ft.

**Wyoming.** Orchid-flowering; magnificent orange. 5 ft.

All Cannas, 15c each; \$1.50 per doz.; \$11.00 per 100

For postage, add 10c per doz.; 25c per 100  
CANNA PLANTS in season, market price.

### Gloxinia

These showy plants are easily grown in pots and can be transferred to a shady location in the garden after all danger of frost is past. Illustrated on third cover.

**Emperor Frederick.** Scarlet; white margin.

**Emperor William.** Violet, margined white.

**Etoile de Feu.** Brilliant red; compact.

**Mont Blanc.** Clear glistening white.

**Blanche de Meru.** White bordered rosy red.

**Prince Albert.** Blue.

**Tigrina.** All colors spotted.

**Violacea.** Dark violet.

40c each; \$4.50 per doz. Order early; delivery starts in January

### Hyacinthus candicans

#### Cape Hyacinth

A strong-growing, summer-flowering variety of Hyacinth quite distinct from those which bloom in the spring. Makes a strong stately flower-spike, 3 to 5 feet high, which bears from 20 to 30 pure white, bell-shaped blooms during the summer and early fall. It is hardy here. 10c each; \$1.00 per doz. For postage, add 5c each; 20c per doz.



Peruvian Daffodil

### Madeira Vine

Heart-shaped leaves and feathery flowers with delicious fragrance. Here is what you want if a quick growth is desired. Hardy in this latitude if protected with litter. Roots, 2 for 25c; \$1.25 per doz. If to be sent postpaid, add 2c each; 10c per doz.

### Montbretias

These are one of the brightest and most attractive of summer-flowering bulbs and should be planted extensively. Set out in the early spring, in clumps of a dozen or more, placing the bulbs 3 to 6 inches apart. They should be protected during the winter with a heavy covering of leaves or litter.

**Fire King.** Fiery red.

**Queen Alexandra.** Orange-red.

11c each; \$1.15 per doz.; \$9.00 per 100.  
50 at 100 rate

If to be sent postpaid, add 5c per doz.; 20c per 100



Montbretias

### Oxalis

**Lasiandra.** Largest, and perhaps most showy of the summer garden Oxalis. Clusters of rosy crimson blooms are carried on many 18-inch stems above distinctive, wheel-like foliage. In bloom for months. 5c each; 50c per doz.; \$4.00 per 100. If to be sent postpaid, add 5c per doz.; 15c per 100.

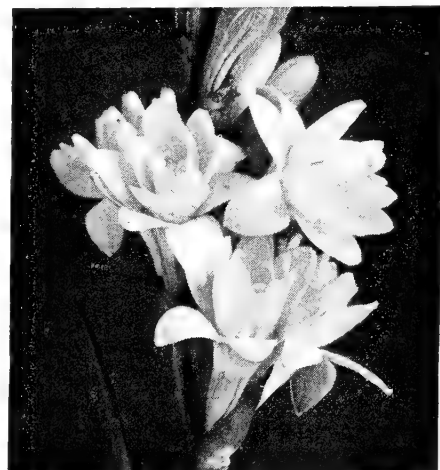
### Peruvian Daffodil

#### Ismene calathina

A grand summer-flowering bulb with large, amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place and plant out in June. Take up in October, rest a few weeks, and then pot for winter-flowering in the house. Illustrated on third cover. 30c each; \$3.25 per doz. If to be sent postpaid, add 5c each; 25c per doz.

### Tigridia • Shellflower

Mexican bulbs producing showy, large, oddly shaped blooms of exotic beauty. Well suited to planting in the mixed border. Handle the same as gladiolus. Blooms all summer long. 1½ ft. 10c each; 3 for 25c; 90c per doz. If to be sent postpaid, add 2c each; 10c per doz.



Double Pearl Tuberose

### Tuberose

#### Jumbo Bulbs

**CULTURE.** One of the most fragrant and popular of the summer-flowering bulbs. May be started early in hotbeds or pots or planted in open ground after May 1.

**Albino (Mexican).** Simple, pure white flowers. Early blooming.

**Double Pearl.** Most popular. Sweet scented.

15c each; \$1.50 per doz.; \$12.00 per 100  
Supply limited

If to be sent postpaid, add 10c per doz.; 25c per 100

### Zephyranthes

#### Zephyr Flower; Fairy Lilies

Showy goblet-shaped blooms during the summer months. Easy to grow in the border or in pots.

**Ajax.** In this strain the blooms vary from white to cream, often with a faint blush suffusion. 10c each; \$1.00 per doz. If to be sent postpaid, add 5c each; 15c per doz.

#### MAY—Plant Outdoors

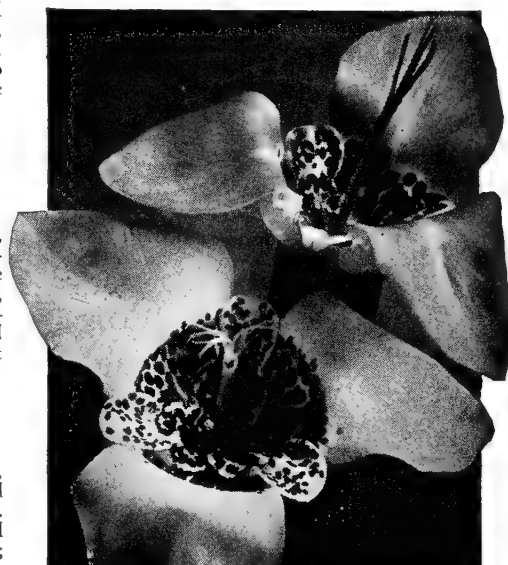
Begonias	Caladiums	Montbretias
Cannas	Dahlias	Gladiolus
Tuberose	All potted plants	

#### SEPTEMBER, OCTOBER AND NOVEMBER

Hyacinths	Tulips	Narcissus	Lilies
Jonquils	Crocus	Peonies	

In fact, all spring-flowering bulbs

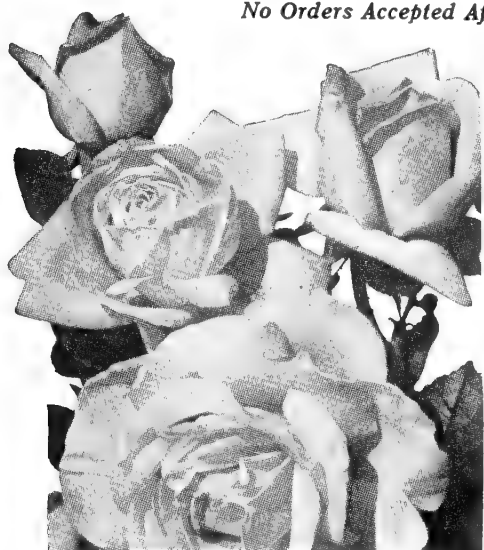
List in season, on request



Tigridia (Shellflower)

# FOR A BRIGHTER GARDEN: PLANT STAR ROSES!

*No Orders Accepted After April 1. ORDER EARLY. All Prices Postpaid. Subject to Sales Tax*



Hybrid Tea Rose, Peace

## Cream of the Newer Patented Hybrid Tea Roses Monthly Bloomers

- Blanche Mallerin.** Pat. 594. A rare beauty, pure white and fragrant. \$1.65 each; 3 for \$4.35.
- Capistrano.** Pat. 922. Rich, clear rose-pink; fragrant. Resistant to black-spot. \$2.00 each; 3 for \$5.00.
- Debonair.** Pat. 677. Jaunty, perfect, yellow buds on a vigorous, compact plant with handsome foliage. \$1.65 each; 3 for \$4.35.
- Diamond Jubilee.** Pat. 824. Soft peach-gold, fragrant flowers, lasting well when cut or on the bush. Vigorous and disease resistant. \$2.00 each; 3 for \$5.00.
- Grande Duchesse Charlotte.** Pat. 774. A beautiful shade of red. Blooms come singly on tall stems, fine for cutting. In color, form and grace, it is hard to find its equal. \$1.50 each; 3 for \$4.00.
- Horace McFarland.** Pat. 730. A front-row Rose, unsurpassed for beautiful exhibition form and glorious color. Buff-salmon, spicily fragrant. Leathery foliage. \$1.65 each; 3 for \$4.35.
- Lowell Thomas.** Pat. 595. Beautiful yellow buds with slight tea fragrance; lasting color. \$1.65 each; 3 for \$4.35.
- Mirandy.** Pat. 632. Huge, fragrant, crimson or deep wine-red flowers from June until hard frost. \$1.50 each; 3 for \$4.00.
- Mission Belle.** Pat. 923. Salmon-pink. Buds well pointed, opening to high-centered flowers often 5 inches across. Fragrant; resistant to black-spot. \$2.00 each; 3 for \$5.00.
- New Yorker.** Pat. 823. Fiery red blooms that do not fade or blue, borne on long stiff stems. Very fragrant. \$2.00 each; 3 for \$5.00.
- Nocturne.** Pat. 713. Cardinal-red with dark shadings. Long-pointed buds on a vigorous plant. Early to bloom and late to stop. \$1.65 each; 3 for \$4.35.
- Peace.** Pat. 591. Widely considered to be the finest and most beautiful Rose in the world. Its colors are those of a sunset caught in a Rose—shades of gold and a delicate pink. A magnificent plant. \$2.00 each; 3 for \$5.00.
- Rubaiyat.** Pat. 758. Brilliant ruby-red or cerise-pink, darker in the fall. Long buds and large flowers with old-Rose fragrance. Vigorous plant. \$1.65 each; 3 for \$4.35.
- San Fernando.** Pat. 785. Glowing currant-red, beautiful form in bud and bloom. If you have been wishing for more fragrant Roses, try San Fernando. \$1.50 each; 3 for \$4.00.
- Show Girl.** Pat. 646. Rich phlox-pink blooms of good substance and exhibition form are produced on long, strong stems. Rated 82% by the American Rose Society, a very high rating. \$1.65 each; 3 for \$4.35.
- Sutter's Gold.** Pat. 885. Brilliant golden buds, shaded coppery orange and vermillion; intensely fragrant. Long, sleek buds on straight stems with few thorns, perfect for cutting. Leathery foliage. \$2.00 each; 3 for \$5.10.
- Tallyho.** Pat. 828. Handsome blooms of old-rose coloring, truly two-toned—the outside a dark shade of the same rich color. Spicy fragrance. A superior Rose. \$2.00 each; 3 for \$5.00.

## Older Patented Hybrid Tea Roses—Monthly Bloomers

- California.** Pat. 449. Glorious shade of ruddy orange, toned with saffron-yellow. Buds long pointed; enormous flowers 5 to 6 inches in diameter; delicate fragrance. \$1.50 each; 3 for \$4.00.
- Charlotte Armstrong.** Pat. 455. Rose-red. One of the most popular. Long, slender buds open to extra-large blooms on long, strong stems. A superior Rose that does well everywhere. \$1.65 each; 3 for \$4.35.
- Crimson Glory.** Pat. 105. Deep crimson. A glorious Rose in its perfect form, its size and fragrance. Vigorous, exceptionally free blooming and resistant to disease. Widely held to be the best red Rose in the world. Crimson Glory is one you certainly should have. \$1.50 each; 3 for \$4.00.
- Eclipse.** Pat. 172. Yellow, with the longest, most streamlined buds of all. Distinctly different. \$1.50 each; 3 for \$4.00.
- Good News.** Pat. 426. Buds of deep coppery pink open slowly to 60-petaled blooms of rich fragrance. A vigorous, general-purpose Rose. \$1.50 each; 3 for \$4.00.
- Katherine T. Marshall.** Pat. 607. This sparkling, warm pink Rose comes on magnificent, erect-growing, hardy plants. Fruity fragrance. \$1.50 each; 3 for \$4.00.
- Mme. Cochet-Cochet.** Pat. 129. The long-pointed buds of coppery pink open to large, semi-double, artistic flowers. Rich honey-like fragrance. \$1.50 each; 3 for \$4.00.

## Unpatented Hybrid Tea Roses Monthly Bloomers

- Better Times.** The brilliant rose-red flowers are large, double and delicately fragrant. They come singly on long, strong stems, ideal for cutting. \$1.50 each; 3 for \$4.00.
- Betty Uprichard.** Carmine and salmon. Buds are long-pointed; blooms large, with spicy fragrance. Distinctly bi-colored—outside deep carmine, inside silvery salmon. \$1.25 each; 3 for \$3.35.
- Caprice.** A gay and joyous Rose, the outside of the petals a delicate seafoam-yellow, the inside radiant flame-pink. The jaunty blooms hold their form until the end. \$1.50 each; 3 for \$4.00.
- Christopher Stone.** Scarlet-crimson. Damask fragrance and almost continuous bloom. Vivid scarlet in June; deep crimson with velvety blackish shadings in the fall. \$1.25 each; 3 for \$3.35.
- Condesa de Sastago.** Delightfully fragrant flowers of yellow and raspberry-red are produced in quantity on vigorous, healthy plants. One of the most colorful garden Roses. \$1.25 each; 3 for \$3.35.
- Countess Vandal.** A charming Rose from the first tint of color on the large, long, tapering buds until the petals fall. The streamlined buds are orange-copper and open to perfumed, exquisitely formed blooms of copper, salmon and gold. \$1.50 each; 3 for \$4.00.
- Duquesa de Penaranda.** Long-pointed buds of apricot-orange open to sweetly perfumed, artistic blooms of soft coppery apricot. One of the constantly popular Roses. \$1.35 each; 3 for \$3.60.
- Ena Harkness.** Deep, lasting crimson-red; broad, heavy, velvety petals. Fragrant. An English award winner. \$1.50 each; 3 for \$4.00.
- Etoile de Hollande.** Crimson. An ever-popular variety with true Rose perfume. Long cutting stems. \$1.35 each; 3 for \$3.60.
- Girona.** Lovely buds of turkey-red and golden yellow. The petals are heavy textured, with rich attar-of-roses fragrance. The most fragrant multicolor. Splendid Rose for cutting. \$1.35 each; 3 for \$3.60.
- Kaiserin Auguste Viktoria.** Long, shapely buds open to delightfully scented, cream-white flowers with a slight lemon tint in the center. Very double flowers on plants of medium height. This Rose of 1891 is as much loved today as ever. \$1.25 each; 3 for \$3.35.
- McGredy's Ivory.** A large, full-petaled, creamy white Rose of good form. Fragrant. Large, leathery foliage. \$1.35 each; 3 for \$3.60.
- Mrs. E. P. Thom.** Long buds of clear yellow. A very fine older sort. \$1.25 each; 3 for \$3.35.
- Poinsettia.** Brilliant blooms of poinsettia-scarlet, freely produced on upright, healthy plants. \$1.35 each; 3 for \$3.60.
- Soeur Therese.** Buttercup-yellow. An astonishing Rose, with buds in candelabra, each with its own cutting stem. Tall, sturdy canes. \$1.35 each; 3 for \$3.60.

## Everblooming Floribunda Roses

You don't have to have a large garden to enjoy Roses; in fact, a small place needs them most, for their all-season bloom. Floribunda Roses will brighten any sunny corner around your home. They will give you masses of flowers spring, summer and fall, from June to November, until you wonder how the plants can possibly keep it up so constantly, as no other kind of hardy flowering shrubs can do.

**Alain.** Bright carmine-red blooms come in great clusters all over the densely branching plants. Blooms have more petals than older red kinds and when fully open show gleaming golden centers. Thick foliage on strong stems. 2½ ft. tall. \$1.25 each; 3 for \$3.35.

**Fashion.** Pat. 789. The newest Floribunda and an All-America Award Winner. Bright coral-peach—a most amazing color because it is so brilliant and, at the same time, so soft and lovely. Add to this the exquisite form of both the bud and the open flower, and you will see why this Rose is being hailed with such enthusiasm. Already it is the winner of gold medals and awards in England, France and America. The open blooms are about 3 inches across or larger, with a pleasing old-Rose fragrance. Plants are vigorous and bushy, 2½ to 3 feet high, with neat, small, glossy foliage. Don't miss this beauty. \$2.00 each; 3 for \$5.00.

**Floradora.** Constantly in bloom and an entirely new shade in Roses—a brilliant cinnabar-red, as arresting under artificial light as in the garden. Floradora blooms are always the eye-catchers. 2½ to 3 ft. tall. \$1.25 each; 3 for \$3.35.

**Goldilocks.** Pat. 672. Rich golden yellow. Buds shaped like Hybrid Teas open to very double blooms up to 3 inches across. Spreading, bushy plants, 2½ feet high. Abundant bloom; fine plants, foliage and color. A border of Goldilocks makes a striking display, showy even from a considerable distance. The best yellow Floribunda. \$1.50 each; 3 for \$4.00.

**Irene of Denmark.** New! At last, a better white Floribunda: its color more pure, its form more attractive. Buds are true "Sweethearts," daintily perfect. Large, double, graceful blooms. From Denmark, so it's extra-hardy. \$1.50 each; 3 for \$4.00.

**Pinocchio.** Pat. 484. Winsome salmon buds, richly flushed with gold, expanding to lasting, 1½-inch blooms of soft clean pink. Well-branched plants 20 to 24 inches tall. \$1.50 each; 3 for \$4.00.

## STAR ROSE GUARANTEE

We guarantee every Star Rose to bloom the first blooming period after purchase, failing which we will replace the plant or refund its cost. The star-shaped tag attached to each Star Rose when purchased, must be returned with the complaint.



Floribunda Rose, Fashion

## Chrysanthemums Are Autumn's Farewell to the Garden



Climbing Rose, New Dawn

### Climbing Roses

**Blaze.** Scarlet-crimson. A gorgeous show for weeks in June. Under favorable conditions it repeats in the fall. \$1.50 each; 3 for \$4.00.

**City of York.** Hardy and strong growing. A mass of white flowers in May and June; fragrant semi-double, 3 inches across. \$1.50 each; 3 for \$4.00.

**Climbing Talisman.** A climbing form of the famous Talisman Rose. A glorious combination of orange, yellow and rose-red, fragrant and fine for cutting. A repeat bloomer. \$1.50 each; 3 for \$4.00.

**Doublons.** Pat. 152. Shapely buds and large, firm-textured blooms of buff-yellow flushed apricot. Spicy fragrance. Early. \$2.00 each; 3 for \$5.00.

**King Midas.** Pat. 586. Large, double, golden yellow, pointed buds. Vigorous. \$2.00 each; 3 for \$5.00.

**New Dawn.** The best hardy everblooming Climbing Rose ever produced. Has 12 to 15-foot canes with sparkling, healthy foliage and masses of blush-pink, fragrant blooms on good cutting stems in June. Repeats until hard frost. \$1.50 each; 3 for \$4.00.

**Paul's Scarlet Climber.** A great mass of vivid scarlet for weeks. The brilliant color does not burn or fade and the bloom in June is profuse. \$1.35 each; 3 for \$3.60.

### SPECIAL COLLECTIONS

#### OFFER A. 3 Top Newer Roses

Capistrano.....	\$2 00
Debonair.....	1 65
New Yorker.....	2 00
\$5.65 value for \$5.20	

#### OFFER B. 3 Fine Bloomers

Peace.....	\$2 00
Nocturne.....	1 65
Tallyho.....	2 00
\$5.65 value for \$5.20	

#### OFFER C. 3 Showy Colors

Mirandy.....	\$1 50
Mission Bells.....	2 00
Peace.....	2 00
\$5.50 value for \$4.65	

#### OFFER D. 3 Red Roses

Mirandy.....	\$1 50
New Yorker.....	2 00
Nocturne.....	1 65
\$5.15 value for \$4.60	

#### OFFER E. 4 All-America Award Winners

Grande Duchesse Charlotte.....	\$1 50
Lowell Thomas.....	1 65
Mirandy.....	1 50
Mission Bells.....	2 00
\$6.65 value for \$5.85	

**ROSETONE.** Insures the success of your Roses. Soak foot of bushes before planting. Water your established Rose bushes for better growth.  $\frac{1}{2}$  oz. 25c; 3 ozs. \$1.00.

### "HOW TO GROW ROSES"

1948 Revised Edition

By Robert Pyle and J. Horace McFarland, L.H.D.

192 pages; cloth bound, 32 pages in natural color. An up-to-the-minute reference book on Rose-growing for those who wish to have something to turn to at once for sound, practical advice when Rose problems arise. \$2.50, postpaid \$2.65.

#### OFFER F. 8 Good Old Hybrid Teas

Betty Uprichard.....	\$1 25
Christopher Stone.....	1 25
Condesa de Sastago.....	1 25
Etoile de Hollande.....	1 35
McGredy's Ivory.....	1 35
Mrs. E. P. Thom.....	1 25
Poinsettia.....	1 35
Soeur Therese.....	1 35
\$10.40 value for \$8.75	

#### OFFER G. Super Floribunda Offer

Alain.....	\$1 25
Fashion.....	2 00
Floradora.....	1 25
Goldilocks.....	1 50
\$6.00 value for \$5.55	

#### OFFER H. Climber Special

City of York.....	\$1 50
Paul's Scarlet Cl.....	1 35
\$2.85 value for \$2.50	

#### OFFER I. Repeat-Blooming Climbers

Blaze.....	\$1 50
New Dawn.....	1 50
\$3.00 value for \$2.75	

## Hardy Chrysanthemums FOR GLORIOUS COLORFUL FALL FLOWERS

### 8 Chrysanthemums, \$3.35 50c each

Unusual value. Large-flowering, hardy outdoor types.

**Avalanche.** Extra large, densely double, outstanding white. Early September.

**Betty.** Midseason. Long-stemmed plants with enchanting double blooms of apple-blossom-pink.

**Burgundy.** Rich wine-red, very double flower; fine depth and color.

**Lavender Lady.** A faultless plant with large, double, lavender flowers. Delightfully beautiful and most popular, as it deserves to be.  $2\frac{1}{2}$  feet. Late September.

**Mrs. Pierre S. du Pont III.** A lovely blend of peach-pink, rosy salmon and fawn. A glorious cut-flower. Height  $2\frac{1}{2}$  feet. Early October.

**The Chief.** Brilliant, clear scarlet and gold in a richly beautiful combination. Semi-double flowers, with each red petal tipped with gold.  $2\frac{1}{2}$  feet. October.

**Theresa.** Rosy copper-orange. Double, large blooms in midseason.

**Wychwood.** Extremely double, globular flowers of rich canary-yellow with slightly deeper center, carried on 2-foot stems. A plant of perfect habit with abundant, healthy green foliage. Has been the object of much admiration by many who have seen it in our plantings.

OFFER K. The 8 for \$3.35

### A Garden of Chrysanthemums

25 All different, All named, for \$9.50

For a brilliant, colorful fall show in your garden and abundant blooms indoors. We send assorted kinds and colors. No two alike.

OFFER L. 25 for \$9.50

### 4 Single-Flowered Kinds

Like colorful long-stemmed daisies, they are excellent both in the garden and for cut-flowers. **Dubonnet.** Big clear lavender, yellow center. **Elsie.** Midseason. Large ( $3\frac{1}{2}$ -inch), single blooms of buttercup-yellow that look like glorified daisies. **Galahad.** Large; pure yellow. **Theresa.** Rosy copper-orange.

OFFER M. The 4 for \$1.75; 50c each

### Spoon Chrysanthemums

This unique new type has proved exceedingly popular. All are charming and very free in bloom. The long petals are quilled almost to the tips, which open like little spoons.

**Pink Spoon.** Dainty lavender-pink.

**White Spoon.** Lovely large white.

**Yellow Spoon.** Bright yellow.

OFFER N. The 3 for \$1.25; 50c each

### Cushion Chrysanthemums

**Fireglow.** New. Chinese-red.

**September Bronze.**

**September Cloud.** White.

**September Gold.** Golden pompons.

OFFER O. The 4 for \$1.75, 50c each

### Pompons for Cutting

**Ermalinda.** Light violet. Sturdy; upright.

**Goblin.** Golden bronze.

**Harbor Lights.** Delightfully bright yellow.

**Nuggets.** Yellow.

**Ruby Pompon.** Quantities of rich ruby-crimson pompon blooms on well-branched,  $2\frac{1}{2}$ -foot plants in early October.

OFFER P. The 5 for \$2.00; 50c each

### 12 Chrysanthemums, \$4.75

Avalanche	Mrs. H. E. Kidder
Betty	Pink Spoon
Burgundy	September Gold
Elsie	Lavender Lady
Harbor Lights	Wychwood
Magnolia	Yellow Spoon

OFFER R. The 12 for \$4.75

### 4 Newer Kinds Extra-Large-Flowered

**Fortune.** Broad, thick, solid blooms to 4 inches across. Bright golden centers set off by outer petals of gleaming white. The massive, rich-looking blooms come on stocky plants with heavy, upright stems.

**Life.** Bright copper-rose with flashes of buff and old-gold on the curving edges of the petals and in the center. Fat blooms 3 or more inches across on long cutting stems.

**Success.** Rich crimson buds and blooms, unfading and brilliant. Full blooms 3 to 4 inches across. Superbly clean foliage.

**Time.** Huge sprays of big, dense, trim blooms of orchid-lavender that sparkle with light reflected from the curved petal edges.

Offer S. The 4 for \$2.50; 75c each

### Greenhouse Type

Four greenhouse types—large-flowering Chrysanthemums, suitable for outdoor planting for late October blooms from Maryland southward.

**Hilda Bergen.** Dark bronze.

**Mrs. H. E. Kidder.** Yellow.

**October Rose.** Lavender.

**Silver Sheen.** White.

OFFER T. The 4 for \$1.75; 50c each





Pachysandra

**ATTENTION:** While every precaution is taken to deliver good stock, no guarantee can be made because we have no control over the method of planting or the care given the plants after they are planted.

All prices, except where noted, F.O.B. Baltimore

ORNAMENTAL PLANTS, SUBJECT TO  
MARYLAND SALES TAX

## Hardy Evergreen Flowering Shrubs

- Abelia grandiflora.** Glossy Abelia. Glistening foliage on a low-growing shrub; small pink-tinged flowers. 2 to 3 ft., B&B, \$3.75 each.
- Azalea Hinodegiri.** Dense clusters of bright fiery red flowers. 8 to 10 in., B&B, \$2.75 each; 10 to 12 in., B&B, \$3.00.
- Berberis Chenaulti.** Chenault's Barberry. Glossy green foliage, glaucous underneath. Compact in growth. 18 to 24 in., B&B, \$3.75 each.
- B. Julianae.** Wintergreen Barberry. Dense, dark green, very thorny. Hardy and strong growing. Bluish black fruit. 15 to 18 in., B&B, \$3.75 each.
- Pachysandra.** An evergreen trailing plant with glossy foliage, forming a dense mat. One of the finest ground-covers. Strong plants, from 2¼-in. pots. 10 for \$3.00.
- Periwinkle.** Trailing Myrtle. An excellent dwarf evergreen trailing plant. Used for covering the ground under shrubs or on graves. Will grow in dense shade. Strong plants from 3-in. pots. 10 for \$3.25.
- Pyracantha coccinea Lalandi.** Firethorn. White flowers in late spring, followed by brilliant orange-scarlet berries, lasting into the winter. 18 to 24 in., B&B, \$4.00 each.
- Rhododendron catawbiense.** Rose-purple blooms. 18 to 24 in., B&B, \$6.50 each.
- R., Rosebay.** White to rose tinted. 18 to 24 in., \$5.75 each.

## Hardy Deciduous Flowering Shrubs

Prices quoted are for bare roots

- Almond, Double-flowering, Pink.** 2 to 3 ft., \$1.25 each.
- Althea.** Rose-of-Sharon. Double; white, red and purple. 3 to 4 ft., \$1.25 each.
- Bridal Wreath (Spiraea).** 2 to 3 ft., \$1.00 each.
- Butterfly-Bush (Buddleia).** Purple and white, lavender-pink, or rosy purple. 2 to 3 ft., \$1.00 each.

- Coralberry (Symphoricarpos vulgaris).** Slender, arching shrub bearing bunches of bright coral-pink berries which hang on almost all winter. 2 to 3 ft., \$1.00 each.
- Flowering Quince (Cydonia japonica).** Bright red flowers in early spring. Greenish yellow fruit. 2 to 3 ft., \$1.25 each.
- Deutzia scabra. Pink.** 3 to 4 ft., \$1.25 each.
- White.** 2 to 3 ft., \$1.25 each.
- Golden Bell (Forsythia), Fortune's.** 2 to 3 ft., \$1.00 each.
- Honeysuckle, Morrow (Lonicera Morrowi).** Tiny, deliciously scented waxen flowers in early spring before leaves unfold. Profusion of bright red berries in early autumn. 2 to 3 ft., \$1.00 each. (Many others can be furnished; state kind wanted.)
- Hydrangea, Peegee.** 2 to 3 ft. \$1.25 each.
- H., Blue or Pink.** Hardy plants. \$2.75 each.
- Lilac, Common Purple.** 2 to 3 ft., \$1.25 each.
- L., Common White.** 18 to 24 in., \$1.50 each.
- L., French, Single.** White, Violet, Purple. 2 to 3 ft., \$1.75 each.
- L., French, Double.** Red, Purple, Violet. 2 to 3 ft., \$1.75 each.



Almond, Double-Flowering, Pink

- Mock-Orange (Philadelphus).** 3 to 4 ft., \$1.25 each.
- Snowball, Common (Viburnum opulus sterile).** 3 to 4 ft., \$1.25 each.
- Snowberry (Symphoricarpos racemosus).** Tiny pink flowers in June followed in the autumn with a profusion of snow-white berries. 3 to 4 ft., \$1.25 each.
- Spiraea, Anthony Waterer.** 18 to 24 in., \$1.25 each.
- Sweet-Scented Shrub (Calycanthus).** 3 to 4 ft., \$1.50 each.
- Weigela.** One of the most conspicuous shrubs cultivated. **Crimson or Pink.** 2 to 3 ft., \$1.25 each. **Ruby Red.** 2 to 3 ft., \$1.50 each.

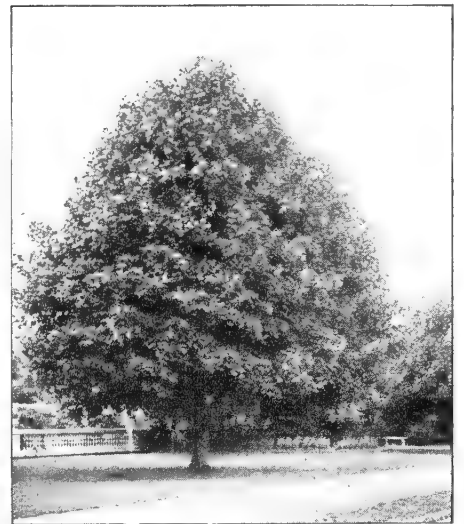
## Flowering Trees

- Dogwood, White.** 4 to 5 ft., B&B, \$6.00 each.
- Redbud, American or Judas Tree.** 4 to 5 ft., bare roots, \$3.50 each.
- R., Chinese.** 3 to 4 ft., bare roots, \$5.00 ea.

## The Book of Shrubs

By Alfred C. Hottes

448 pages; 190 illustrations. \$4.00, postpaid \$4.15.



Maple, Norway

## Shade Trees

Bare roots unless otherwise specified

- Elm, American.** 6 to 8 ft., \$4.00 each.
- Maple, Norway.** 8 to 10 ft., 1¼ to 1½-in. caliper, \$5.50 each.
- M., Red.** 6 to 8 ft., \$5.50 each.
- M., Silver.** 6 to 8 ft., 1 to 1½-in. caliper, \$4.00 each.
- M., Sugar.** 8 to 10 ft., 1 to 1¼-in. caliper, \$6.00 each.
- Ash, Mountain.** Attractive scarlet berries. 6 to 8 ft., \$5.00 each.
- Plane, Oriental.** 8 to 10 ft., 1¼ to 1½-in. caliper, \$5.00 each.
- Willow, Weeping, Wisconsin.** 6 to 8 ft., \$5.00 each.

Many other kinds; prices on application

## Hedges

- Red Barberry.** 9 to 12 in., 3-yr. trans., \$5.00 for 10; \$37.50 per 100.
- Green Barberry.** 9 to 12 in., 3-yr. trans., \$3.25 for 10; \$25.00 per 100.
- California Privet.** 1 to 1½ ft., 2-yr., \$2.00 for 10; \$15.00 per 100. 1½ to 2 ft., 2-yr., \$2.50 for 10; \$17.50 per 100. 2 to 3 ft., 3-yr., \$3.00 for 10; \$22.50 per 100.

## The Book of Trees

By Alfred C. Hottes

All about trees. 488 pages. \$4.00, postpaid \$4.15



Barberry

## Good Perennials Are a Permanent Investment

### Vines

**Boston Ivy.** Clings to smoothest surfaces. Strong plants, 2-yr. No. 1, 7-in. pots, \$1.75 each.

**English Ivy (*Hedera Helix*).** Hardy. 2 1/4-in. pots, 35c each; \$3.00 for 10.

**Clematis, Large-flowering.** Red, Purple, and White. \$1.75 each, postpaid \$1.85.

**C. paniculata.** Creamy white, very fragrant. 3-yr., \$1.25 each, postpaid \$1.35.

**Wisteria sinensis.** Vigorous, strong-growing vine. Purple flowers. 2-yr., \$2.25 each.

**W. multijuga.** Grafted stock, sure to bloom. White and pink. \$2.50 each.

### How to Landscape Your Grounds

By Loyal R. Johnson

Second Edition, Oct., 1950. 272 pages, 152 illustrations. \$3.50, postpaid \$3.65.

### Strawberries

\*Means most popular.

#### EARLY VARIETIES:

\***Dorsett.** The best in cultivation. Perfect blossoms, very productive and showy, of finest flavor and firmness.

**Temple Premier Blakemore**

#### MIDSEASON VARIETIES:

**Catskill Sparkle \*Big Joe**

#### LATE VARIETIES:

\***Fairpeake Chesapeake** \***Ambrosia Gandy**

Any of the above, 25 for \$1.25, postpaid \$1.37; 50 for \$2.00, postpaid \$2.35; \$3.00 per 100, postpaid \$3.40

#### EVERBEARING VARIETIES:

**Mastodon Gem**

25 for \$2.00, postpaid \$2.12; 50 for \$3.25, postpaid \$3.50; \$5.00 per 100, postpaid \$5.40  
Quantity prices on application

### Grapes

**Catawba.** Red. **Caco.** The best red. **Concord.** Blue. **Fredonia.** Black; **Niagara.** White. **Moore's Diamond.** White.

Strong, 2-yr., 60c each, postpaid 75c; \$5.00 for 10, postpaid \$5.40

**GRAPE-PROTECTING BAGS.** See page 49.

### Fruit Trees and Small Fruits

All prices, except where noted, F.O.B. Baltimore

#### APPLES

**Delicious.** Red. Midseason.

**Delicious Yellow.** Early.

**Red Rome Beauty.** Late.

**Red Jonathan.** Late fall.

**Williams Early Red.** Early.

**Double Red Stayman.**

**Stayman.** Red. Late.

**Winesap.** Red; sweet. Late.

**Yellow Transparent.** Early.

**York Imperial.** Large; red to yellow. Late.

**Crab, Hyslop.** Crimson.

Any of the above, extra strong, 5 to 6-ft. trees, \$1.75 each; \$15.00 for 10

**Quintuplet Apple.** Bears five leading varieties on one tree, ripening in succession. Requires only a 25-foot space when fully grown. 1 1/2 to 1-in. cal. \$3.50 each.

#### APRICOTS

**Early Golden**

**Moorpark**

5 to 6-ft. trees, \$2.25 each

#### PEACHES

**Belle of Georgia.** White. August.

**Carman.** White. Early.

**Elberta.** Yellow. September 1.

**Golden Jubilee.** Yellow. Early.

**Hale.** Yellow. Late August.

**Rochester.** Yellow. July 15.

**White Heath.** White cling. September 15.

Any of the above, strong 5 to 6-ft. trees, \$1.75 each; \$15.00 for 10

#### PLUMS

**Abundance.** Red; yellow flesh.

**Burbank.** Large, juicy, violet-red.

**Fellenberg** (Italian Prune).

**Shropshire Damson.** Purple.

**Stanley Prune.** Blue.

5 to 6-ft. trees, \$2.25 each; \$20.00 for 10

#### PEARS

**Bartlett.** Yellow. August.

**Clapp's Favorite.** Yellow spotted red. Early August.

**Kieffer.** Yellow, red cheek. October.

**Seckel.** For pickling. September.

Any of the above, 5 to 6 ft., \$2.25 each; \$20.00 for 10

**Dwarf fruit trees** (most kinds), 3-year-old, \$6.00 each.

#### SWEET CHERRIES

**Black Tartarian Napoleon.** Yellow. **Schmidt's Bigarreau.** Mahogany.

Any of the above, 4 to 5 ft., \$2.25 each

#### CANNING AND PIE CHERRIES

**Early Richmond.** Light red.

**English Morello.** Dark red.

**Montmorency.** Red.

Any of the above, 11/16 in. cal. and up, \$2.50

#### Blueberries

**Cabot Concord**

**Jersey Rancocas**

**Rubel**

6 to 12 in., \$1.00 each, postpaid \$1.25  
12 to 18 in., \$1.50 each, postpaid \$1.75  
18 to 24 in., \$2.00 each, postpaid \$2.25

#### Blackberries

**Alfred**

**Blowers**

**Eldorado**

10 for \$2.00 postpaid \$2.45; \$11.00 per 100

#### Dewberries

**Lucretia.** Extra large, black. \$1.50 for 10, postpaid \$1.75; \$9.00 per 100.

#### Raspberries

**Cumberland.** Black. Midseason.

**Latham.** Red. Midseason to late.

**Newburgh.** Red. Midseason.

\$2.25 for 10, postpaid \$2.65; \$12.50 per 100

#### Everbearing Raspberries

**Indian Summer.** Best everbearing red.

**St. Regis.** Everbearing red.

\$2.50 for 10, postpaid \$2.65; \$13.50 per 100

#### Thornless Boysenberry

No. 1 strong rooted plants. Immense berries of very sweet, delicious flavor, somewhat suggestive of the raspberry. Small seeds. Plant 8 x 8 feet apart because of their great thriftiness. \$2.75 for 10, postpaid \$3.15. \$15.00 per 100.



### CEL-O-GLASS

It is the only ultra-violet ray window material on a wire mesh base with published scientific proof that it increases egg production and reduces chick losses.

Low egg production, soft-shelled eggs, disease and leg weakness can often be traced to a deficiency of ultra-violet or its equivalent. "Cel-O-Glass" brings these vitalizing ultra-violet rays of the sun inside your poultry houses all winter long, when you need them most. These rays, which are barred out by ordinary glass and soiled cloth curtains, enable your hens to make proper use of calcium and phosphorus, the bone-building and shell-making minerals. Furthermore, "Cel-O-Glass" keeps houses warmer and drier, and free from draughts. Experiment stations, egg-laying contests, commercial poultrymen and flock owners have found that "Cel-O-Glass" increases egg production and reduces chick mortality. It can do the same for you.

Also used for hotbeds, coldframes, storm doors, storm windows, back porches, hog houses, dairy barns, milk houses, dog kennels, rabbit hutches, and many other purposes.

Cut any size from 1 running foot up. Per running foot: 28 in. wide, 32c; 36 in. wide, 40c; 50-ft. rolls, 28 in., \$14.00; 50-ft. rolls, 36 in., \$18.00. 25-ft. rolls, 28 in., \$7.00; 25-ft. rolls, 36 in., \$9.00.

## INSECT, FUNGOUS AND WEED DESTROYERS

Postpaid prices are in 1st and 2nd Zones only. Consult Parcel Post Rates on page 1.  
ALL PRICES ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE

**ANT BAIT (Magikil).** Garden size 1 oz. 40c, postpaid 45c. Estate size 3 ozs. \$1.00, ppd. \$1.05. 7½-oz. size \$1.95, ppd. \$2.05.  
**ANT BAIT (Tat).** Ant-trap. 25c, postpaid 28c. Garden size tube 35c, postpaid 40c.  
**ANT GAS.** A liquid—kills ants quickly; also effective against ground moles. ½pt. 50c, postpaid 60c; pt. 90c, postpaid \$1.00; qt. \$1.75, postpaid \$1.90.

### ARNOLD CARTRIDGES

**Arsen-O-Spray.** For control of most chewing insects.  
**Funguspray.** For control of leaf-spot, blight, black-spot, and fruit-rot.  
**Sulph-O-Spray.** For control of mildew.  
**Nic-O-Spray.**  
**P. R. (Pyrethrum-Rotenone).** The two above for control of aphids, thrips, etc.  
**DDT.** Most effective on chewing insects.  
**Weed-O-Spray.** Kills poison ivy, etc., and lawn weeds.  
**Vitamin B-1 Cartridge.**  
**Cleaswell Auto Wash.**  
All Cartridges, 40c each.  
For postage, add 5c to each.  
**Arnold Sprayer.** See page 52.

**BEETLE BAIT (Dry and Liquid).** Extensively used to trap Japanese beetles.

**Ellisco.** Oz. (dry) 15c, postpaid 17c; 4 ozs. 40c, postpaid 45c; lb. \$1.20, postpaid \$1.32. Oz. (liquid) 50c, postpaid 55c. Write for prices on larger quantities.  
**G. and O. Oz. (dry)** 25c, postpaid 30c; 2¾ ozs. 50c, postpaid 55c. Oz. (liquid) 35c, postpaid 45c.  
For Traps see page 53.

**BENZO-FUME PRESSURE FUMIGATOR.** For control of greenhouse red spider. ½lb. 40c; 1 doz. cans \$3.20; 4-lb. can 60c; 1 doz. cans \$5.50.

**BLACK-LEAF 40.** 1-oz. bottle 36c, postpaid 40c; 5 ozs. \$1.05, postpaid \$1.17; lb. \$2.42, postpaid \$2.57; 2 lbs. \$4.15, postpaid \$4.32; 5 lbs. \$7.40, postpaid \$7.65; 10 lbs. \$12.65, postpaid \$13.00.

**BLUE STONE (Powdered).** Lb. 20c; 5 lbs. 90c; 10 lbs. \$1.60; 50 lbs. \$6.50; 100 lbs. \$12.00. Postage extra.

**CARBON BISULPHIDE.** For weevil and other grain insects. 1-qt. can \$1.00; 5-lb. can \$1.75. Not mailable.

**CORN EAR WORM DROPS.** An Ogen product. 2 ounces treats 100 ears of corn for worms. 35c, postpaid 40c.

**COPPER LIME DUST (20-20-60 Mixture).** 5 lbs. 75c; 100 lbs. \$10.00. Postage extra.

**Cuprinol Wood Preservative.** See page 62.

**CYANOGAS "A."** A dust for outside use in killing rats, moles woodchucks, gophers, ground squirrels, and certain insects. ¼lb. 50c; lb. \$1.25; 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

**Foot Pump Duster.** \$15.00.

**CYANOGAS "G" FUMIGANT.** 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

**D-X (Rotenone-Pyrethrum-D.D.T.).** Controls sucking and chewing insects. 1 oz. 35c, postpaid 40c; 3 ozs. \$1.00, postpaid \$1.15; ½pt. \$1.75, postpaid \$1.90; qt. \$5.50, postpaid \$5.65; gal. \$14.50, postpaid \$14.85; 5 gals. \$57.00.

**D. D. T. 25% PRATT'S.** Controls most insects, including Japanese Beetle, also flies in barns, dairies, etc. Gal. \$4.50; qt. \$1.50; ½pt. 75c. Postage extra.

**END-O-PEST.** For control of chewing and sucking insects and fungous diseases. Gun and powder combined, 98c, postpaid \$1.08. Refill cartridge, 75c, postpaid 90c. 2-lb. pkg. to be used with regular duster, \$1.98, postpaid \$2.15. 4-oz. pkg., 35c, ppd. 40c.

**EVERGREEN GARDEN SPRAY.** A concentrated pyrethrum spray, very effective. Oz. 35c, postpaid 45c; 6 ozs. \$1.15, postpaid \$1.25; pt. \$2.45, ppd. \$2.60; qt. \$4.10, ppd. \$4.25; gal. \$12.60, ppd. \$12.85.

**FERMATE.** Controls black-spot and other fungous diseases. 8 ozs. 75c; 3 lbs. \$2.25.

**FORMALDEHYDE.** For potato scab and mold. Qt. \$1.00; gal. \$3.25. Not mailable.

**FUMETOBAC (For greenhouse).** 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$15.00. Postage extra.

**FUNGOTROGEN.** Conquers mildew and black-spot. ½pt. 75c, postpaid 85c; pt. \$1.25, postpaid \$1.40; qt. \$2.00, postpaid \$2.17; gal. \$6.00, postpaid \$6.35.

**GARDEN DOWFUME.** Soil fumigant for the control of wireworms and other insects. Gal. \$1.50, postpaid \$1.85.

**IRON SULPHATE.** For spraying rhododendrons, azaleas, laurel, etc., for fading foliage. Use 1 ounce to 3 gallons of water. Sprinkle on plants three times during season. Lb. 25c, postpaid 40c.

**JAPIDEMIC (Milky Disease Spore Dust).** Kills the grub of the Japanese beetle in the soil. Remains virulent and effective in the soil for many years. Use at any time. ½lb. \$2.75; 1-lb. (sufficient for 4000 sq. ft.) \$4.50.

**LEMON-OIL INSECTICIDE.** ½pt. 55c, postpaid 62c; pt. 95c, postpaid \$1.10; qt. \$1.65, postpaid \$1.75, gal. \$4.50, postpaid \$4.75.

**LIME-SULPHUR (Liquid).** Qt. 45c; gal. \$1.00; 5 gals. \$3.50; 30 gals. \$8.50; 50 gals. \$10.50. Not mailable.

**MAGNESIUM ARSENATE.** Extensively used to control the Mexican bean beetle. 2 lbs. 60c, postpaid 75c.

**NAPHTHALENE FLAKES.** Lb. 30c, postpaid 42c.

**NICO-FUME (Liquid).** Lb. \$2.60; 2 lbs. \$3.45; 8 lbs. \$11.95. Postage extra.

**NICO-FUME PRESSURE FUMIGATORS.** ¼lb. 50c; lb. 85c; 12 ½-lb. cans \$4.60; 12 1-lb. cans \$7.95. Postage extra.

### Commercial Growers Sizes

Complete insect and disease control with Niagara Products.

**COCS COPODUST.** Neutral copper dust for potato and tomato blight control. 50 lbs.

**COCS SPRAY.** Neutral copper dust in wettable form. 48 lbs.

**COCS COPOTEX.** Neutral copper fungicide combined with calcium arsenate. 75 lbs.

**COCS NIATOX.** 3% DDT. Neutral copper fungicide combined with 3% DDT. A complete insecticide and fungicide for potatoes and tomatoes. 50 lbs.

**COCS CUCURBIT DUST.** Copper combined with calcium arsenate for squash, melons and all cucurbits. 50 lbs.

**ROTENONE, KOLO.** .75%. Specially formulated sulphur fungicide and rotenone insecticide. 50 lbs.

**ROTENONE DUST.** .75%. 50 lbs.

**NICOTINE.** 3% nicotine for control of sucking insects. 100-lb. drum.

**SULPHUR, CONDITIONED DUSTING.** 325-mesh. 50-lb. bag.

**FRUITEX.** Sulphur fungicide combined with lead-arsenate insecticide. 50 lbs.

*Prices on request*



### Niagara Farm and Garden Insecticides

Code

**907 C. ARSENATE OF LEAD.** For chewing insects. Lb. 60c; 4 lbs. \$1.80.

**901 E. BORDEAUX MIXTURE.** Ready mixed to control fungous diseases. Lb. 50c; 4 lbs. \$1.00.

**900 C. CALCIUM ARSENATE.** Dust or spray for insect control. 4 lbs. 70c.

**909 A. COPPER MILDEW SPRAY.** Copper fungicide, more concentrated than Bordeaux Mixture. Lb. 70c; 3 lbs. \$1.65.

**912 A. COPPER ROTENONE DUST.** Multi-purpose insecticide and fungicide. Lb. 60c; 4 lbs. \$1.80.

**924 A. COPODUST.** Dust for blight on vegetables and ornamentals. 5 lbs. \$1.15.

**928 A. COPOTEX.** Copper combined with calcium arsenate for insecticides and fungicidal control. 5 lbs. \$1.60.

**920 A. CUCUMBER AND MELON DUST.** Especially formulated insecticide and fungicide for squash, melon, cucumber, etc. 4 lbs. \$1.10.

**916 A. FRUIT, VEGETABLE AND FLOWER DUST.** 3% DDT. Controls Japanese beetles, leafhoppers, flea beetles, etc. Lb. 40c; 4 lbs. 85c.

**919 B. FRUIT AND VEGETABLE SPRAY.** 50% DDT. Dry wettable powder. Lb. 70c; 3 lbs. \$1.75.

**917 A. KOLO FRUIT TREE DUST or SPRAY.** Superior all-purpose fruit dust or spray for insecticidal and fungicidal use. Lb. 60c; 3 lbs. \$1.50.

**914 B. WETTABLE AND DUSTING SULPHUR.** For ornamentals, fruit trees, etc. 2 lbs. 50c; 4 lbs. 75c.

**927 A. POTOTOX.** Potato dust or spray. Contains 5% DDT, calcium arsenate and copper. Lb. 60c; 4 lbs. \$1.85.

**925 B. ROTENONE DUST OR SPRAY.** .75%. Dual-method insecticide. Lb. 45c; 4 lbs. \$1.10.

**902 E. DRY LIME-SULPHUR.** (Powder Form.) Lb. 60c; 5 lbs. \$2.50.

**932 B. D.D.T. 50 SPRAY.** Lb. 70c; 4 lbs. \$2.15.

**A 1 POMO-DUST (Also called Massey Dust).** For mildew and black-spot on roses. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75.

**904 A. POMO-GREEN WITH NICOTINE.** Like the above, but also kills sucking insects. Lb. \$1.00; 5 lbs. \$3.85.

**938 A. NEW POMA GREEN.** 5 lbs. \$3.00.

**929 D. 6% CHLORDANE DUST.** Controls hornworms on tobacco and tomatoes, grasshoppers, Japanese beetle, chinch bugs and other turf insects; also, ants, roaches and other crawling insects. Lb. 55c; 4 lbs. \$1.55.

**930 B. APHIS DUST.** Contains pure gama isomer of benzene hexachloride, a new formulation for aphid control. Lb. 70c; 4 lbs. \$2.10.

**931A SOILFUME-CAPS.** See page 46.

*For other Niagara products, see page 63.*

**SYNKLOR.** Controls ants, chinch bugs, Japanese beetles, roaches, grasshoppers, squash bugs and cucumber beetle.

**48 E Liquid.** ½pt. \$1.25 (1 lb.); qt. \$4.00 (3 lbs.); gal. \$6.80 (10 lbs.).

**50 W Powder.** 8 ozs. \$1.50; lb. \$2.50; 5 lbs. \$7.25.

**PARA-DICHLOROBENZENE or CRYSTAL GAS.** Controls peach borers. Use 1 ounce to each tree. Lb. 45c; 5 lbs. \$1.75. Postage extra.

**PARA-SCALECIDE.** A liquid treatment for peach borers. Qt. \$1.25, postpaid \$1.50; gal. \$3.00, postpaid \$3.35; 5 gals. \$9.10, freight or express.

**PARIS GREEN.** 1/4 lb. 20c; lb. 60c; 5 lbs. \$3.00. Postage extra. Prices subject to change.

**PYROX WITH NICOTINE.** 20-oz. jar 60c, postpaid 75c; 5 lbs. \$2.00, postpaid \$2.25; 25 lbs. \$6.50, postpaid \$7.10.

**P 40.** (Contains sodium selenate). An insecticide for greenhouse use, spread on ground absorbed by plant, it kills certain insects, red spider, aphids, etc. 25 lbs. \$4.50; 50 lbs. \$9.00; 100 lbs. \$16.00.

**RAT and ROACH POISONS and TRAPS.** See page 64.

**RED ARROW INSECT SPRAY.** Oz. 35c; 4 ozs. \$1.00; pt. \$2.85; qt. \$5.00; gal. \$18.20; 5 gals. \$85.00. Postage extra.

**ROTECIDE SPRAY.** Contact and stomach poison. Will not burn or in any way affect the most delicate foliage. Oz. 35c, ppd. 40c; 1/2 pt. \$1.00, ppd. \$1.12; pt. \$1.75, ppd. \$1.90; 3 qt. \$3.00, ppd. \$3.17; gal. \$8.00, ppd. \$8.35.

**SCALECIDE.** Used for the destruction of San Jose scale. Spray during the winter or early spring when the trees are dormant. Qt. \$1.00, postpaid \$1.15; gal. \$2.50, postpaid \$2.85; 5 gals. \$8.50; 15 gals. \$24.50; 30 gals. \$37.50; 55 gals. \$52.50. Refund on 15, 30 & 55 gal. drums, \$4.00, \$5.00 & \$5.00 respectively.

**SLUG-SHOT (Powder).** Lb. 40c, ppd. 52c; 5 lbs. \$1.70, ppd. \$1.95; 25 lbs. \$5.50.

**SNAROL CUTWORM BAIT.** Non-injurious to vegetation. It kills cutworms, snails, slugs, sowbugs, earwigs. Lb. 35c; 2 1/2 lbs. 75c; 6 lbs. \$1.50.

**SOIL FUME-CAPS.** For the control of nematodes and wireworms. Very effective. 100 capsules \$2.00, postpaid \$2.05. **931 A.**

**SULFOCIDE.** An efficient summer spray for the control of scab and black-rot on fruit trees. Pt. \$1.00, postpaid \$1.15; qt. \$1.45, postpaid \$1.65; gal. \$3.00, postpaid \$3.35; 5 gals. \$9.75; 15 gals. \$22.75.

**SULPHUR, Superfine Conditioning (Dusting).** Lb. 10c, postpaid 22c; 5 lbs. 40c, postpaid 63c; 10 lbs. 75c, postpaid \$1.06; 25 lbs. \$1.50, postpaid \$2.11.

**TARTAREMATIC.** For gladiolus. 1/4 lb. 35c, ppd. 40c; lb. \$1.25, ppd. \$1.37.

**TERMITE KILL (Fidel-X).** A tested product for termite control. Qt. \$1.45, 4 qts. \$4.95. Not mailable.

**TOBACCO DUST (Special Dusting or Fumigating).** Lb. 10c, postpaid 22c; 3 lbs. 25c, postpaid 44c; 10 lbs. 60c, postpaid 93c; 20 lbs. \$1.00, postpaid \$1.50; 100 lbs. \$4.00.

**TREE PAINT.** 1/2 pt. 50c, postpaid 62c; pt. 90c, postpaid \$1.05; qt. \$1.75, postpaid \$1.95; gal. \$4.50, postpaid \$5.00.

**TREE TANGLEFOOT.** Lb. \$1.00, postpaid \$1.12; 5 lbs. \$4.50, postpaid \$4.75.

**TRI-OGEN.** (Now contains Fermate). Size A, \$2.25, ppd. \$2.37. Size B, \$6.00, ppd. \$6.25. Size C, \$9.00, ppd. \$9.40. Size D, \$30.00. Size E, \$1.35, ppd. \$1.50.

**VOLCK.** A summer oil spray that kills certain insects. 4-oz. bottle 35c, ppd. 42c; 16-oz. bottle 70c, ppd. 82c; qt. \$1.25, ppd. \$1.40; gal. \$2.85, ppd. \$3.10; 5-gal. drum \$9.95.

### Vaportone-XX Spray

T.E.P.P.-The new wonder insecticide for garden use. Kills Aphids, Red Spider, Mites, Thrips, Caterpillars, Crawling Scale. 4 ozs. \$1.00, 16 ozs. \$2.75, gal. \$11.90.

### Soap Spreaders and Stickers

**CATALIZER.** Spreader and sticker. 2 lbs. 85c, postpaid \$1.00. 50-lb. bag \$15.00.

**FISH-OIL SOAP NO. 3 (Potash).** Soft. Lb. 40c, postpaid 52c.

**LINSO LIQUID SOAP.** 8 ozs. 50c, postpaid 60c; qt. \$1.00, postpaid \$1.15.

**RED ARROW SOAP.** Gal. \$4.00.

**SPREADER-STICKER.** Grasselli. Pt. \$1.00, postpaid \$1.12; gal. \$7.00, postpaid \$7.40.

## Seed, Turf, Bulb and Lawn Protectants

**DORMATONE.** To prevent sprouting of potatoes and other root crops. 12 ozs. will treat 11 bushels. \$1.00, postpaid \$1.12. Larger sizes available. 5-lb. can \$5.50.

**SPERGON.** Protects seeds from attack by soil-borne and seed-surface fungi, thus assuring better stands, healthier plants and higher yields. Oz. 25c, postpaid 30c; lb. \$2.25, postpaid \$2.37; 10 lbs. \$20.00, postpaid \$20.31.

**ARASAN.** For corn, sorghum, peanuts, and vegetables. 8 ozs. 80c, postpaid 92c; 4 lbs. \$5.16, postpaid \$5.37.

**CERESAN (New Improved).** Dust disinfectant to control diseases carried on grain seed and narcissus. 4 ozs. 45c; lb. \$1.00; 4 lbs. \$3.40. Postage extra.

**SEMESAN.** 1/2 oz. 20c; 2 ozs. 60c; 12 ozs. \$2.40; 4 lbs. \$11.00; 25 lbs. \$58.28; 100 lbs. \$219.80. Postage extra.

**SEMESAN SPECIAL.** Controls brown patch on turf and lawns. 25-lb. pail \$39.96; 100-lb. drum \$149.85.

**SEMESAN BEL (New Improved).** Dip disinfectant to control scab and rhizoctonia carried on white seed potatoes. One pound disinfects 60 to 80 bushels. 2 ozs. 50c; lb. \$2.00; 4 lbs. \$6.33; 25 lbs. \$36.90; 100 lbs. \$138.75. Postage extra.

**ROSETONE.** See page 42.

## Weed Destroyers

**AMMATE.** 2-lb. bottle 75c, postpaid 90c; 6-lb. bottle \$2.00, postpaid \$2.25; 50 lbs. \$12.00; 350 lbs. \$63.00.

**CRAB GRASS KILLER (Zotox).** Controls crab grass without destroying permanent lawn grasses. One pound will treat 1000 to 2000 square feet. 8 ozs. \$1.00, postpaid \$1.12; lb. \$1.50, postpaid \$1.65; 2 lbs. \$2.50, ppd. \$2.63; 5 lbs. \$4.50, ppd. \$4.71.

**C-LECT (Tat).** Crab Grass Killer. 8 ozs. \$1.00; postpaid, \$1.12; 16 ozs. \$1.50, postpaid \$1.65.

**Combination Package.** Pint TAT C-LECT and 1/2 pint TAT weed C-LECT \$2.25, postpaid \$2.50.

**DANDELION KILLER.** Kills dandelion and plantain. 8-oz. size 35c, postpaid 47c; qt. 50c, postpaid 65c.

**WEED KILLER.** Destroys weeds and grass on roadways, paths, gutters, etc. One gallon makes 40 gallons of treating liquid. Qt. 70c, postpaid 85c; gal. \$2.00, postpaid \$2.35; 5 gals. \$8.00.

## The New, Improved Weedone



Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants WITHOUT KILLING THE GRASS. Non-poisonous to animals or humans. Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals. The only ALL-PURPOSE weed killer. 8-oz. can \$1.00; 1-qt. can \$2.75; 1-gal. can \$6.95; 5-gal. can \$25.00.

## Weedone Crab Grass and Chickweed Killer

5-oz. can (treats 1000 sq. ft. seedling stage) \$1.00; 20-oz. can (treats 4000 sq. ft. seedling stage) \$3.00; 5-lb. can (treats 16,000 sq. ft. seedling stage) \$8.85.

## New Weedone Applicator For the Small Lawn



Fits any standard gallon or 1/2-gallon jug. Only 49c, postpaid 61c.

**WEEDONE BRUSH KILLER 32.** Contains 2,4,5-T plus 2,4-D. Kills woody plants, prevents re-sprouting of stumps. No vapor injury to nearby susceptible crops. Qt. \$4.00, postpaid \$4.17; gal. \$9.25, postpaid \$9.55.

**WEEDUST-2.4 D.** Weed Killer. Just dust the weeds out of your lawn. 12-oz. container, shaker top 75c, postpaid 87c.

## Dog, Cat, Crow, Mole and Rabbit Repellents

All Subject to Sales Tax

**CHAPERONE.** (Powder.) A new household dog repellent. Keeps dogs off rugs and furniture. 50c, postpaid 58c; large can \$1.00, postpaid \$1.10.

**CHAPERONE.** (Liquid.) Dog repellent for outdoor use. 4 ozs. 60c; 8 ozs. \$1.00. For rabbits, 4 ozs. 60c.

**DOG SKAT.** To be attached to evergreens and shrubs. Large tube 25c, postpaid 30c.

**DOG-CHECK.** The ideal repellent for checking "doggie habits." Safe and harmless; may be sprayed directly on new growth. Unaffected by rain, one spraying usually lasts two to three weeks. 3-oz. size 60c, postpaid 72c; 8-oz. \$1.00, postpaid \$1.12.

**FUMOGEN.** A scientific dog and cat repellent and insecticide. 8-oz. pkg. 50c, postpaid 62c.

**KITTY CHAPERONE.** Keeps cats off furniture. Pleasant odor, harmless. 50c, postpaid 58c; large size \$1.00, postpaid \$1.10.

**PESTEX.** A positive repellent of rabbits, moles, rodents, birds, dogs, cats. Harmless to plants or soil. 2-lb. pkg. 75c, postpaid 90c; 5 lbs. \$1.50, postpaid \$1.71; 10 lbs. \$2.75, postpaid \$3.06.

**MOLE REPELLENTS.** See page 64.

**CROW REPELLENT.** Repels crows and other corn-pulling pests. 1/2 pt. (1-bus. size) 40c, postpaid 52c; pt. (2-bus. size), 60c, postpaid 75c; qt. (4-bus. size) 90c, postpaid \$1.05.

**M-Q SEWER CARTRIDGES.** Will insure a clean, free-flowing sewer permanently at trifling cost. They destroy roots and other organic matter chemically without damage to plumbing. Simply flush them down your toilet. Box of six \$2.00, postpaid \$2.12.

**"SPOT WEED KILLER WORKS LIKE MAGIC"**

Kill dandelions and other unsightly weeds without stooping or digging. Simply touch lightly with the capillary applicator of the 33" x 1" plastic WAND. Weighs 15 oz. when filled with 2,4-D — the marvel weed-killing hormone. \$1. for the WEED-WAND. Additional \$1. buys 48 fills of 2,4-D WEED-WALLOP — enough to kill 100,000 weeds. Kills only the weeds you touch.

**SATISFACTION GUARANTEED**

Postpaid \$1.15



# FERTILIZERS, PLANT-FOODS AND HORMONES

All prices on Fertilizers are subject to market changes; ton prices on request. Fertilizer and Plant-Foods, postage extra. For fertilizer to be sent by Parcel Post, consult Parcel Post table on page 1.

**ADCO.** A compost builder to turn leaves, grass clippings, weeds, vines, cornstalks, etc., into organic manure. A 20-lb. bag of ADCO makes  $\frac{1}{2}$  ton of fertilizer. 5-lb. pkg. \$1.00, postpaid \$1.23; 20 lbs. \$2.25; postpaid \$2.76; 150 lbs. \$12.00, f.o.b. Baltimore.

**AGRICO (6-10-4).** For lawns, trees, shrubs, and flowers. 5 lbs. 45c; 10 lbs. 80c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**AGRICO** for Broadleaf Evergreens. 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.25; 100 lbs. \$5.25.

**ALUMINUM SULPHATE.** For rhododendrons and azaleas. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 100 lbs. \$5.00.

**ASPARAGUS SALT.** 10 lbs. 35c; 50 lbs. \$1.35; original sack 100 lbs. \$2.25.

**BLOOD, DRIED.** For flowering plants; chief is element nitrogen. Fine for ferns. Lb. 20c; 5 lbs. 80c; 10 lbs. \$1.50; 100 lbs. \$11.00.

**BONEMEAL, Quick-Acting.** A pure bone for building up wornout soil, lawns, etc. Quick acting. 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.75.

**BONEMEAL, Raw.** Will not burn. Slow-acting 5 lbs. 40c; 10 lbs. 70 c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.75.

**BONE FLOUR.** Finely pulverized and bolted. Effective immediately. Excellent for roses. Lb. 10c; 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

**COW MANURE, Pulverized.** For garden, lawn, greenhouse; especially good to mix with compost. 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.50.

**ESSKAY (4-9-5).** For lawns, flowers and vegetables. 10 lbs. 85c; 25 lbs. \$1.65; 50 lbs. \$2.75; 100 lbs. \$4.25.

**COMMERCIAL FERTILIZER (5-10-5).** 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

**COMMERCIAL FERTILIZER (4-12-4).** 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

**COTTONSEED MEAL.** For azaleas, etc. 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.50.

**ELECTRA.** The world's finest organic plant-food. 4-lb. bag \$1.25; 25-lb. bag \$4.00; 50-lb. bag \$6.00; 100-lb. bag \$10.50.

**HYPER-HUMUS.** Fine for lawns, replanting and repotting. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.00; 1000 lbs. \$16.50; ton \$30.00.

**IMP.** A high-grade fertilizer used extensively by florists. 100 lbs. \$8.50.

**LAND PLASTER or Gypsum.** Highly recommended for iris borers. 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.25.

**LIME, HYDRATED (Powdered).** Apply 1 ton per acre on fields, or  $\frac{1}{2}$  ton on lawns. 10 lbs. 30c; 50 lbs. 75c; 500 lbs. \$6.00.

**LIMESTONE (Ground).** 80-lb. bag 75c.

**MURIATE OF POTASH.** Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$5.00.

**NEW ERA ODORLESS POTTING SOIL.** 4-lb. bag 50c.

**NEW ERA ODORLESS AFRICAN VIOLET SOIL.** 4-lb. bag 50c.

**NITRATE OF SODA.** Truck farmers only. Lb. 10c; 3 lbs. 25c; 10 lbs. 75c; 100 lbs. \$4.50.

**ORCHID PEAT.** Osmunda Fibre. Lb. 50c; 50 lb. bales \$12.00.

**PEAT MOSS (Granulated).** Pk. 25c; bus. 75c; small bale \$3.50; full-size bale \$4.90.

**RHODO-AZALEA FOOD. (3-20-3).** The best food for these acid-loving plants. 5 lbs. 65c; 10 lbs. \$1.25; 25 lbs. \$2.50.

**ROSE FOOD—All organic (5-7-4).** 100% plant-food. 5 lbs. 65c; 10 lbs. \$1.25; 25 lbs. \$2.50.

**SHEEP MANURE, Pulverized.** 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.50.

**SPHAGNUM MOSS.** For packing plants and growing orchids. Pk. 50c, postpaid 62c; bus. \$1.25, postpaid \$1.46; bale (about 3 bus.) \$3.75.

**SULPHATE OF POTASH.** Fine for roses. Lb. 10c; 3 lbs. 25c; 5 lbs. 40c; 10 lbs. 75c; 100 lbs. \$5.00.

**SULPHATE OF AMMONIA.** 100 lbs. \$5.00. **SUPER PHOSPHATE.** Lb. 5c; 10 lbs. 45c; 25 lbs. 85c; 100 lbs. \$2.50.

**TEROGEN.** Ground-dressing and soil-disinfectant. Lb. 75c; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00.

**TOBACCO STEMS (Ground).** Lb. 5c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75.

**TOBACCO STEMS (Coarse or fine).** Lb. 5c; small bales (about 25 to 40 lbs.). lb. 3c.

**UNIVERSAL ACID PLANT FOOD.** 4-lb. bag \$1.25; 25-lb. bag \$4.00; 50-lb. bag \$6.00; 100-lb. bag \$10.50.

**VIGORO 4-12-4.** For lawns, trees, shrubs and flowers. Lb. 15c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.25.

**WEDO.** Contains 2,4D. It feeds grass and destroys weeds at the same time. Analysis 6-10-4; rate of application,  $\frac{1}{2}$  lb. per 100 sq. ft.  $\frac{7}{8}$ -lb. pkg. \$1.00; 25 lbs. \$2.75; 50 lbs. \$4.95; 100 lbs. \$7.95.

## Concentrated Plant-Foods for Indoors and Outdoors

**ATLAS FERTILIZER EMULSION.** A complete organic liquid plant-food. 4 ozs. 35c; pt. \$1.00; gal. \$6.25. Not available.

**HYPONEX.** Food, drink and medicine for house plants, lawns, trees and vegetables. Grows superior plants in soil, sand or water. It is a complete balanced plant-food. Highly recommended for African violets. A 1-lb. can makes 100 gals. of feeding solution. Oz. 10c, postpaid 12c; 3 ozs. 25c, postpaid 29c; 7 ozs. 50c, postpaid 62c; lb. \$1.00, postpaid \$1.15; 10 lbs. \$8.00, postpaid \$8.32; 25 lbs. \$15.00, postpaid \$15.61; 50 lbs. \$25.00; 100 lbs. \$40.00.

**HY-GRO (13-26-13).** A new soluble plant-food for outdoors or indoors. 2 lbs. with jar and sprayer to be attached to hose. (For refilling buy the 10-lb. size.) Will cover 2400 square feet in liquid solution. \$2.90, postpaid \$3.15; 3 ozs. 40c, postpaid 50c; 20 ozs. \$1.10, postpaid \$1.25; 2 lbs. \$1.40, postpaid \$1.57; 10 lbs. \$6.50, postpaid \$6.80.

**Gat Sprayer Only.** \$1.50.

**VHPF.** Soluble hormones with soluble fertilizer. 1-lb. pkg. 65c, postpaid 75c; 3 lbs. \$1.20, postpaid \$1.37.



**PLANTABBS.** Use for beautiful gardens and lovely house plants. 10 tablets 10c; 30 tablets 25c; 75 tablets 50c; 200 tablets \$1.00; 1000 tablets \$3.50, postpaid.

**VIGORO.** Tablets for house plants. Pkg. (24) 10c, postpaid 12c.

**VITAMIN B<sub>1</sub> PELLETS.** 25c pkg. makes 200 gals.; \$1.00 pkg., 2000 gals. Ppd.

## Floralife

**Helps Cut-Flowers Live Longer**  
Use in floral arrangements. Pkt. 10c, postpaid 12c; handy home size (makes 30 qts. solution) \$1.00, postpaid \$1.15; bulk size (makes 100 qts.) \$3.00, postpaid \$3.20.

**FERTILIZERS FOR GREENHOUSE AND GARDEN CROPS.** By Alex Laurie and J. B. Edmond. 156 pages; 22 illus. \$2.50, postpaid \$2.60.



**SACCO.** The complete all-purpose plant-food. Contains all eleven elements needed for thicker, greener turf, beautiful flowers, vigorous trees and shrubs, and more tasty vegetables. Sacco is famous for results. It is clean, odorless and always uniform. Sacco is endorsed by thousands of home owners and professional gardeners everywhere. 2  $\frac{1}{2}$  lbs. 25c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.25.

**TERRA-LITE.** A growing medium for rooting cuttings, for plant propagation, for seed germination, for mulching, to lighten heavy soil, for storing bulbs. Replaces pebbles for growing bulbs in water. 4-qt. bag 40c, postpaid 55c;  $\frac{1}{2}$  bus. 85c, postpaid \$1.05; 2 bus. \$1.75, postpaid \$2.15.



## Rootone

The plant hormone powder, for cuttings, seeds, tubers, and bulbs. Just dip the base of the cutting or slip in Rootone, set in sand, and the roots will grow faster and bigger. By dusting seed with Rootone, seedlings grow faster and more uniformly, producing stronger plants and better crops.  $\frac{1}{4}$ -oz. pkt. 25c, postpaid 27c; 2-oz. jar \$1.00, postpaid \$1.05; 1-lb. can \$5.00, postpaid \$5.12.

**ROOTONE No. 10.** For woody cuttings only. 2-oz. jar \$2.00, postpaid \$2.05; 1-lb. can \$10.00, postpaid \$10.12.

## Transplantone

The hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general take root faster. Produces earlier maturity and larger crops when used on tomato, cabbage, celery, lettuce, tobacco, and sweet potato plants.  $\frac{1}{2}$ -oz. pkt. 25c, postpaid 27c; 3-oz. can \$1.00, postpaid \$1.05; 1-lb. can \$4.00, postpaid \$4.12.

## Fruitone

**More tomatoes and more SEED-LESS tomatoes with Fruitone**

Fruitone also helps grow big berries on berry-bearing shrubs and stops pre-harvest drop on fruit trees.  $\frac{3}{8}$ -oz. pkt. (makes 5 gals.) 25c, postpaid 27c; 2-oz. can (makes 25 gals.) \$1.00, postpaid \$1.05; 12-oz. can \$5.00, postpaid \$5.12.

**HORMODIN POWDER.** (In three strengths.) Simplifies rooting of cuttings.

**No. 1 Powder.**  $1\frac{1}{4}$  oz. 50c, postpaid 55c; 1-lb. tin \$3.00, postpaid \$3.12.

**No. 2 Powder.** 75c, postpaid 80c; 1-lb. tin \$4.50, postpaid \$4.62.

**No. 3 Powder.** \$1.00, postpaid \$1.05;  $\frac{1}{2}$ -lb. tin \$4.50, postpaid \$4.62.

Combination package of Nos. 1, 2, and 3, 75c, postpaid 80c.

# GARDEN ACCESSORIES

Are All Subject to Maryland Sales Tax



## "TWISTEMS" THE NEW HANDY PLANT-TIE

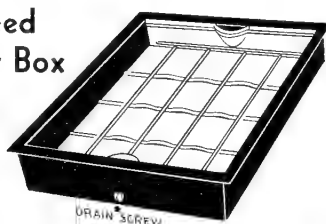
"Twistems" are dark green, strong tapes with wire reinforcing that make perfect plant-ties. 8-in., box of 100, 25c; 16-in., box of 100, 50c; postpaid, add 12c per box.

## Adjusto Plant Support

A square, sturdy hardwood stake equipped with a patented adjustable wire loop. 3-ft., \$2.20 per doz.; 4-ft., \$2.60 per doz.; 5-ft., \$2.85 per doz.; 6-ft., \$3.20 per doz. For postage, add 23c, 41c, 51c, and 69c. If wanted without wire loop (stakes only) deduct \$1.20 from each size.

**Extra Wire Loops.** \$1.20 per doz., postpaid \$1.53.

## Seed Grow Box



This box is made for starting delicate flower and vegetable seed. Best results; no failures. Patented inner plate permits watering beneath—no watering on top. Guaranteed 5 years' service. Proved a big success. Size 12 x 14 x 2 1/4 inches deep. Can't lose drain screw provided for excess water. \$2.50 each, postpaid \$2.69.

## VITA-BANDS

**Vita-Band No. 10.** Built to last about 10 weeks. 1000  
1 1/4 x 1 1/4 x 2 1/2 ..... \$3 90  
2 x 2 x 2 1/2 ..... 4 40  
2 x 2 x 3 ..... 4 90  
2 1/2 x 2 1/2 x 3 ..... 5 85  
3 x 3 x 3 ..... 6 75

**Vita-Band No. 40.** Will last for 40 weeks. 95  
1 1/4 x 1 1/4 x 2 1/2 ..... \$5 95  
2 x 2 x 2 1/2 ..... 6 60  
2 x 2 x 3 ..... 7 35  
2 1/2 x 2 1/2 x 3 ..... 8 85  
3 x 3 x 3 ..... 10 30

If to be sent by parcel post, add 87c to 1000 price on each of above sizes.

**Vita-Bands No. 40.** 2 x 2 x 2 1/2 in. 75c per 100, postpaid 87c. 3 x 3 x 3 in. \$1.00 per 100, postpaid \$1.12.

## Plantrays

Unbreakable Rubber  
Flower-Pot Saucer

**With Moisture-retaining Pad.**  
Each Ppd. Each Ppd.  
5 in.... \$0 25 \$0 30 | 10 in.. \$0 90 \$1 12  
8 in.... 50 56 | 12 in.. 1 75 1 90

## Wooden Plant Boxes

The front is removable, permitting sliding out the pots.

**No. 1 XP. Plant Box.** With 36 2-in. pots. \$1.00 each, postpaid \$1.23.

**No. 3 XP. Plant Box.** With 16 3-in. pots. \$1.00 each, postpaid \$1.38.

**Kraft Board Pots.** Sold separately if desired. 2-in., 90c per 100, postpaid \$1.12; \$8.00 per 1000, postpaid \$8.50. 3-in., \$1.35 per 100, postpaid \$1.58; \$12.00 per 1000, postpaid \$12.87.

## Garden Gloves EEZY WEAR



Dirt proof, washable, all leather and durable, yet soft as kid and easy to wear. Ladies' sizes—6, 7 and 8. Men's sizes—9 and 10. \$1.35 per pair, postpaid \$1.40.

Other Gloves on page 58.

## Pot and Tree Labels All Painted

Pot Labels	Width	100	P.P. Wt.	1000	P.P. Wt.
					Per 1000
	4 x 5/8-in.	\$0 40	1/2 lb.	\$3 25	3 lbs.
	5 x 5/8-in.	45	3/4 lb.	3 60	4 lbs.
	6 x 5/8-in.	50	1 lb.	4 00	5 lbs.
	8 x 5/8-in.	70	2 lbs.	6 00	8 lbs.
	10 x 5/8-in.	85	1 lb.	7 10	10 lbs.
	12 x 5/8-in.	1 00	2 lbs.	8 40	12 lbs.

Garden Labels					
8 x 7/8-in.	1 00	2 lbs.	8 40	9 lbs.	
10 x 7/8-in.	1 10	2 lbs.	9 60	10 lbs.	
12 x 1 1/8-in.	1 90	3 lbs.	16 00	12 lbs.	

Tree Labels	3 1/2-in. cop-	per wire..	50	1/2 lb.	4 10	4 lbs.
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**Marking Pencils.** 20c, postpaid 25c.

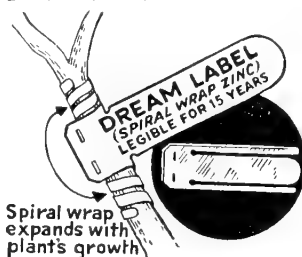
## Green-Painted Round Plant Stakes

	Each	Doz.	100
3-ft., heavy or dahlia..	\$0 15	\$1 75	\$12 50
4-ft., heavy or dahlia..	20	2 25	17 00
5-ft., heavy or dahlia..	25	2 70	21 50
6-ft., heavy or dahlia..	30	3 50	26 00

Postage extra per doz.: 3-ft., 12c; 4-ft., 15c; 5-ft., 21c; 6-ft., 25c.

	Each	Doz.	100
1 1/2-ft., light .....	\$0 05	\$0 50	\$3 00
2-ft., light .....	06	70	4 50
2 1/2-ft., light .....	09	90	6 00
3-ft., light .....	10	1 10	7 50

Postage extra per doz.: 1 1/2-ft., 12c; 2-ft., 12c; 2 1/2-ft., 15c; 3-ft., 15c.



Something new and original. 24 to pkg. with marking Ink and Pen. 85c, postpaid 97c

## Bamboo Plant Stakes

	Doz.	P.P.	100	P.P.
2 ft.....	\$0 20	\$0 32	\$1 00	\$1 23
3 ft.....	25	37	1 50	1 73
4 ft.....	30	45	1 75	2 18

## Tonkin Stakes

Natural color for staking Dahlias, Chrysanthemums, etc.

	Doz.	100
4 ft.....	\$1 25	\$8 00
5 ft.....	1 50	10 00
6 ft.....	1 75	12 00

## Richmond Style Cedar Tubs

No.	2	3	5	7	11	13
In.	7	8	10	12	14	16
Bottom	5	6	7 1/2	9	11	12 1/2
Depth	7	8	9	11	13	15
Each	\$1 10	1 25	1 45	2 10	3 10	3 85
Lbs.	1 1/2	3	4 1/2	7	10	12

If wanted by Parcel Post, include postage.

Extensively used for shipping plants, starting seeds and seedlings.



	Doz.	100	1000	Weight
2 in.....	\$0 14	\$1 10	\$8 60	10 lbs.
2 1/4 in.....	14	1 10	8 60	12 lbs.
2 1/2 in.....	15	1 15	8 70	16 lbs.

For other sizes, write for information.

## Aerosol Bombs

For greenhouse pest control

**G54. Thion Vapor Bomb,** Parathion. For greenhouse pests. \$8.00.

**G52. Tetra Vapor Bomb,** Tetraethyl Pyrophosphate. For control of red spider. \$6.50.

**G50. Mul-T-Vapor Bomb,** DDT. For most greenhouse pests. \$7.75.

**G57. Tetraethyl-dithio pyrophosphate Bomb.** \$8.00.

**HETP Bomb.** \$6.50

**Deposit on all Bombs,** \$3.50

**Deposit on Wooden Cases,** 6 Bomb Cases \$4.00 each, 2 Bomb Cases \$1.50 each.

**Speed King Applicator.** For use with Aerosol Bombs. Consists of high-pressure hose, copper tubes, spray nozzles, canvas shoulder sling.

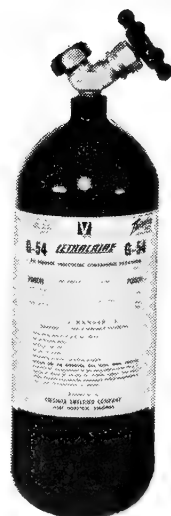
With 24-in. Copper Tube..... \$5 50

With 36-in. Copper Tube..... 6 50

With Extra-Long Copper Tube..... 7 50

**Gas Masks**..... 7 50

**Cannister**..... 3 50



Write for complete information

## Earthen- ware Flower Pots and Saucers



Sent by express and freight only. Packing at cost.

	Each	Doz.	100	Saucer Each
2 in.....	\$0 03	\$0 30	\$2 25	
2 1/2 in.....	04	40	2 75	
3 in.....	05	50	3 50	
4 in.....	07	75	5 15	\$0 07
5 in.....	10	1 20	9 35	09
6 in.....	20	1 85	14 00	11
7 in.....	30	2 75	21 00	15
8 in.....	40	3 85	30 40	25
9 in.....	60	6 00	47 30	30
10 in.....	75	7 85	62 40	40

## Azalea and African Violet Pots

	Each	Doz.	100	Saucer Each
4 in.....	\$0 07	\$0 75	\$5 15	\$0 07
5 in.....	10	1 25	9 35	09
6 in.....	20	1 85	14 00	11

Lock  
Folded



Not  
Glued

## Waterproofed Plant Boxes

Each containing 12 BB Craft Board Pots

Your plants can be transferred to the garden in BB Craft Board Pots. Simply unlock bottom, fold flaps back, and place in the ground without disturbing the roots. Pkg. (12 boxes) 20c each, postpaid 25c; two for 35c, postpaid 47c.

## Bird's IMPROVED NEPONSET

## Flower Pots.

Dozen and 100 lots, postpaid; 1000 lots, according to weight.

	Doz.	100	1000	Weight
3 in.....	\$0 16	\$1 20	\$9 15	25 lbs.
3 1/2 in.....	25	1 50	12 20	35 lbs.
4 in.....	30	1 75	14 70	42 lbs.

## LAWN AND GARDEN ACCESSORIES

Add postage. Prices subject to change

### Twines, Raffia, Etc.

**White Cord.** 3-ply, 4-ply and 6-ply, lb. 85c.  
**Jute Twine.** 3-ply and 2-ply. Ball 50c, postpaid 62c.  
**Binder Twine.** Standard. 5-lb. ball \$1.50.  
**Fodder Twine or Tarred Sisal.** 25-lb. and 50-lb. coils, 40c per lb. Less coil lots, 42c per lb., any length.  
**Plow Lines, Cotton.** 14 yds. \$1.25, postpaid \$1.37.  
**Garden Line, No. 24.** 150 ft. of good cotton line. 35c, postpaid 40c.  
**Red Tape, No. 17.** For tying asparagus. 1000 yds \$3.25, postpaid \$3.40.  
**RAFFIA.** For tying anything in the garden. Lb. 75c, postpaid 87c. Hanks contain about 1 lb.; 5 lbs. or more at 65c per lb.  
**Green Raffia.** Lb. \$1.15, postpaid \$1.20; ½ lb. 65c, postpaid 67c.

**GRAPE PROTECTING BAGS.** Made of glazed paper, just the right size for our domestic grapes. \$1.75 per 100; \$15.00 per 1000; postpaid \$1.87 and \$15.35.

**GRAFTING WAX.** ¼ lb. 35c; ½ lb. 50c; lb. 80c. Postage extra.



Fig. 22

**No. 205.** Solid steel shank. \$2.25, postpaid \$2.37.  
**No. 211.** Fig. 22. One-piece Trowel \$1.25, postpaid \$1.40.  
**No. 215.** 6-in. Trowel. 40c, postpaid 52c.  
**No. 217.** 6-in. Transplanting Trowel. 30c, postpaid 36c.



Fig. 23

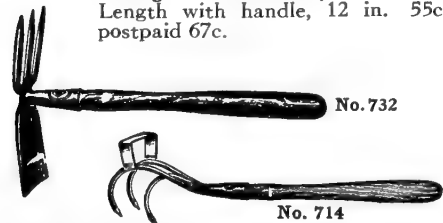
**MELCO DELUXE GARDEN TOOLS.** Fig. 23. Made of aluminum; light, strong and lasting. Regular trowel and transplanting trowel, each 11 in. long. \$1.25 each, postpaid \$1.37.  
 The above tools can be had in unpolished metal. 60c, postpaid 72c.



Fig. 24

**Garden Fork or Weeder, No. 300.** Fig. 24. 70c, postpaid 82c.

**Gardex Midget Culti-Hoe, No. 732.** Length with handle, 12 in. 55c, postpaid 67c.



No. 714

**Gardex Midget Culti-Weeder, No. 714.** Weeding blade on one side and 3-pronged cultivator on the other. 3 prongs 2¼ in. wide. Blade 1½ in. wide. Length with handle, 16 in. 50c, postpaid 62c.

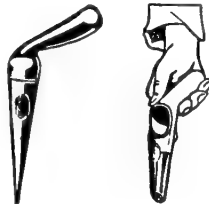
**Gardex Midget Rake, No. 715.** Small; handy design. 5 curved teeth. 50c, postpaid 52c.

**Yeoman Garden Tool Set.** Extra strong, 15-in. long overall, consisting of Trowel, Cultivator and Hoe. \$2.75, postpaid \$2.90. Separate tools 95c, postpaid \$1.07.



Fig. 13

**Magic "EZ" Weeder.** Fig. 13.  
**No. A.** 20c, postpaid 32c.  
**No. B.** 14-in. handle 30c, postpaid 42c.  
**No. D.** 4-prong, with hoe attachment. 40c, postpaid 52c.  
**Style F.** 4-prong; 3½-ft. handle. \$1.00, postpaid \$1.15.



No. 751 No. 750

**Gardex Dibble and Hollow Planter.** For planting bulbs and for setting out plants. They are both made of good steel and are as light as a feather. The Hollow Planter is pushed into the soil, given a quarter turn and then lifted out. This tool leaves the walls of the hole soft and loose.

**Dibble, No. 751.** 11¼ in. overall. \$1.10, postpaid \$1.12.

**Hollow Planter, No. 750.** Diam. of hole 1½ in. \$1.00, postpaid \$1.12.

**Dibble, No. 218.** Wood handle. \$1.00, postpaid \$1.15.

**Hole-in-One Planting Tools.** Especially adapted for bulb plantings. Junior. 85c, postpaid 97c.



Fig. 17

**Asparagus Knife, No. 2500.** Fig. 17. Makes a fine weeder as well. 65c, postpaid 82c.

**Asparagus Buncher.** Ties quickly and uniformly. With knife-guard. Weight 8 lbs.



### Grass Hooks or Sickles

**Grass Hook, Village Blacksmith No. 3.** Best steel. \$1.00, postpaid \$1.15.

### Little Giant Two-piece Grass Hooks

**V15.** Hardened embossed tempered blade. Ground and sharpened to keen cutting edge. Malleable shank. Form-fitting hardwood handle secured by two heavy-duty brass rivets. \$1.25, postpaid \$1.40.



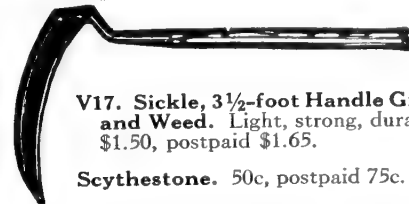
Fig. 10

**Scythes, Grass, American Make.** Fig. 10. 26 to 34 in. long. \$2.75, postpaid \$2.95.

**Scythes, Bush, American Makes.** 18 to 21 in. long. \$2.75, postpaid \$2.95.

**Scythes, Austrian.** 28 to 30 in. \$4.25, postpaid \$4.45.

**Snaths, No. 30.** Extra-heavy construction with swing plate; has a heavy loop bolt. \$3.50, postpaid \$3.75.



**V17. Sickle, 3½-foot Handle Grass and Weed.** Light, strong, durable. \$1.50, postpaid \$1.65.

**Scythestone.** 50c, postpaid 75c.

Due to uncertain conditions at this time all prices on this page subject to change.



**Graswip, No. 165.** Grass and weed cutter. Double edged, cuts on the forward and backward stroke. \$2.00, postpaid \$2.15.

**Graswip, No. 164.** New serrated blade. \$1.80, postpaid \$2.00.

### Bush and Brush Hooks



**Brush Killer (shown above).** For heavy cutting. 17-inch blade and 36-inch handle. \$4.00, postpaid \$4.20.

**W. B. G. 60 Bush Hook.** Single edge. \$3.75, postpaid \$4.00.



**No. A1575. Long-handled Grass Shears.** \$3.85, postpaid \$4.00.

**No. A57. Special Ezy-Cut.** \$1.95, postpaid \$2.10.

**No. 257. Improved Ezy-Cut.** \$2.75, postpaid \$2.90.

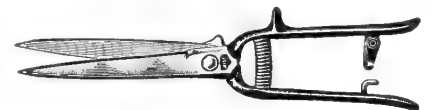
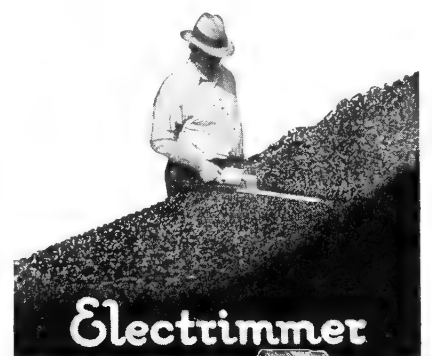


Fig. 1

**No. 5600. Wiss.** Fig. 1. Drop forged from cutlery steel, hardened and tempered, hollow ground. \$2.50, postpaid \$2.62.

**No. 4. V. B. Grass Shears.** Same style as Fig. 1. \$1.65, postpaid \$1.75.

**V3. Grass and Sheep Shears.** Solid steel polished. \$1.35, postpaid \$1.47.



### Electrimmer

A Real Tool for a Real Job

Built to give enduring service. Has ¼ H.P. universal motor with die-cast aluminum housing and handy thumb-operated toggle switch. Special alloy gears. Cutter blade, 12 in. long, is made of finest crucible steel. Price, shown below, includes 6 ft. of best rubber-covered cord. \$37.50, postpaid \$37.75.

### Post Hole Digger

**No. B.D. 200.** Extra-heavy blade 9 in. long, with 6-in. spread. Strong handles 40 in. long. \$4.00, postpaid \$4.50.

## WINDOW BOXES, PRUNING TOOLS, SPRINKLERS

**Perfecto Window Boxes.** Made of metal, painted green. Watertight, with drain screw for excess water. 20 in. \$3.00, postpaid \$3.23; 26 in. \$3.50, postpaid \$3.73; 32 in. \$4.00, postpaid \$4.23.

**Concrete Flower Box.** 11 x 28 in. \$3.75; 14 x 14 in. \$3.50.

**Concrete Bird Bath.** Diam. 23 in.; ht. 30 in. \$9.00. Diam. 18 in.; ht. 24 in. \$6.00.



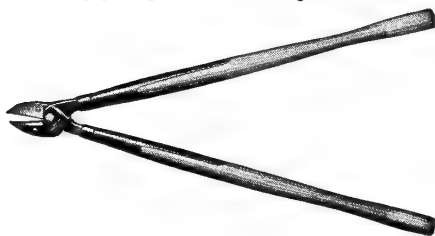
### Dandelion or Lawn Weeder

**No. WSL12.** 3-ft. handle, 75c, postpaid 90c.

**American Weeder.**.....\$1 85

**Sure Grip Weeder.**.....2 25

### Lopping or Pruning Shears



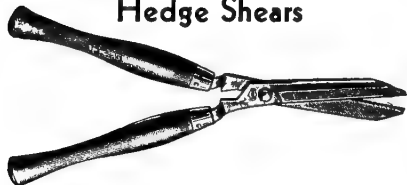
**No. 75. MULTI-POWER PRUNER.** A superior pruner, powerful and clean cutting. Easily cuts 1 3/4 to 2-inch branches. Handle 22 in. long. Overall length 31 in. \$7.40.

**No. 528.** Curved blade and hook. Forged steel and wood handle grips. \$5.75.

**No. 149. Snap Cut.** This popular light-weight pruner, featuring powerful action plus ease of operation, is ideal. Cuts 1 1/2-inch limbs easily. All parts replaceable at nominal cost. Length 25 in. \$4.75.

Postage on Shears 23c extra.

### Hedge Shears



These Shears are made to meet the demand for a better-balanced, easier-cutting, and more durable hedge clipper.

**No. 38. Corona Hedge Shears.** 8-in. serrated cutting edge.....\$1 75

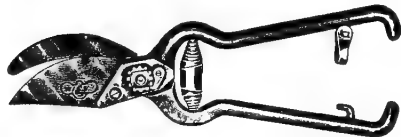
**No. 326. Improved Multi-power Hedge Shears.** 9 1/2-in.....5 50

**No. 26N.** 6-in.....2 25

8-in.....3 00

9 1/2-in.....3 25

Postage on Hedge Shears 23c extra



### Hand Pruning Shears

Postage on Shears, 12c extra

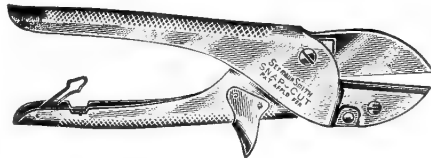
**No. 908. Wiss High Power.** Popular with orchardists and nurserymen. \$2.75.

**No. 125. Professional Pruner.** Forged steel. \$4.25.

**Alligator No. 101.** One hand pruning shear 13 in. long, easy-feel hand grip, for those hard-to-get-at places. \$1.00, postpaid \$1.12.

**Rose and Flower Holding Shears.** Garden Club Model. \$2.75, postpaid \$2.81.

**FH3. Wiss Flower Cutter Holder.** It reaches, cuts and holds. 18 in. long. \$3.25, postpaid \$3.40.



**Snap Cut Pruner, No. 119.** An improved easier-cutting Pruner, polished. \$2.75.

**No. 118.** Ladies' size. \$2.10. Enameled Handle \$1.50.

**Clipper Pruner, No. 122.** Regular style pruner. Not polished. \$1.65.

**Extra Blades for Snap Cut Pruners,** 50c; for other Pruners, 25c, both postpaid.



Fig. 18

**Gardex Turf Edger.** You can edge from 900 to 1000 running feet of lawn in an hour with this tool. Designed with a wing blade it cuts horizontally as well as vertically. All you do is push it along with short, even strokes. It also cuts a clean V-shaped groove along sidewalks by tilting it to a 45° angle. **No. 400.** 4 1/2-ft. handle, \$2.25, postpaid \$2.48.

**Planet Jr. Edger, No. 2.** Fig. 18. \$2.75, postpaid \$2.95.

**Turf Edger.** For edging walks. \$2.10, postpaid \$2.30.

**Grubbing Hoe.** 3 3/4-in. cut. \$2.25.

**Picks.** 6 lbs. \$2.25.

**Mattocks.** 15 in. long, 3 1/2-in. blade, 3-in. cutter. \$2.40.

**Handles extra for above.** \$1.10 each.

**Ax.** 3 1/2-lb. 32-in. handle. \$4.25.

**Ax Handles.** \$1.10 each.

**Hatchets.** 2-lb. Hatchets. \$3.25.

### Pruning Knives

**Pruning Knife No. 1001.** Wood handle. \$2.25, postpaid \$2.30.

**Budding Knife No. S1944WPH.** American make. One blade; white handle. \$2.25, postpaid \$2.30.

**Budding Knife No. 716.** Gardener's pocket knife. Two blades. \$3.00, postpaid \$3.05.

### Long-Handled Tree Pruners and Saws

Made of best material. Express or freight only.

**No. 3. Waters Pattern.**

10-ft. handle.....\$5 00

12-ft. handle.....5 50

**No. 1312.** 12-ft., 2 section.....5 50

**No. 20-18.** Complete saw with pole, 3 sections. 18 ft. \$15.85.

Not available.

**No. 12.** For Heavy

Duty. Capacity 1 1/2 in.

To be attached to pole.

\$7.50, postpaid \$7.70.

**No. 111.** Fig. 2. \$3.85,

postpaid \$4.00.

**Solid Poles, without**

**joints.** For pruners,

saws, fruit-pickers,

window-washers, etc.

Sitka or airplane

spruce, very strong

and light weight. 1 3/8

in. round, 16 ft., \$3.50.

Not available.

**No. 16.** Length 16

in. Curved blade cuts

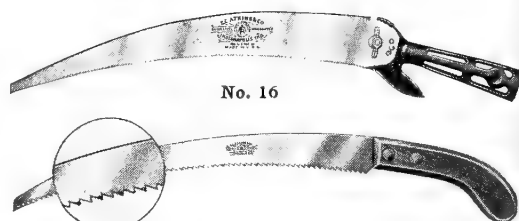
on draw stroke. Adjustable; has hook for

dislodging cut limbs. To be used on pole.

\$3.50, postpaid \$3.65.



Fig. 2



### PRUNING SAWS.

**No. 20.** Length 14 in.; curved blade, short handle. \$2.25, postpaid \$2.40.

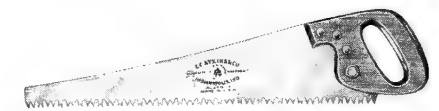
**No. 3.**

Length 18 in.

Double edge.

\$2.75, post-

paid \$2.90.



**No. 40. Tuttle Tooth Pruning Saw.**

24-in. blade, for heavy pruning. Large

grip. \$4.75, postpaid \$5.00.



**No. 11.** Adjustable to four angles. 16-in.

blade. \$3.50, postpaid \$3.70. Extra blade.

50c, postpaid 60c.

### Pruner Saw

**No. 3-14.** This strong pull cut pruning saw is a favorite with nurserymen. \$5.25, postpaid \$5.50.

### Watering Can

Hot dipped. Well made with removable rose.

6-qt.....\$2 25 | 10-qt.....\$3 10

8-qt.....2 75 | 12-qt.....3 40

For Parcel Post, add 35c to each.

### Double Duty Plant Fountain

For greenhouse, home or garden use. \$1.00, postpaid \$1.12.

### Centrospray

The spray bulb with sprinkler and powder duster. Sprinkles plants and flowers; dusts insecticide powders. 8 ozs. \$1.25; 12 ozs. \$1.80.



### Kneeling-Pad

Found most convenient and serviceable for many uses in gardening and housekeeping. Made of best Para rubber. 60c, postpaid 72c.

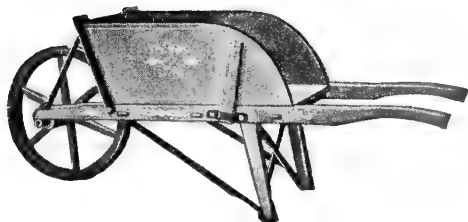
### Knee Guards

\$2.00 per pair. Postpaid \$2.12.



## GARDEN TOOLS

### Wheelbarrows



**No. 3. Wood.** A durable, neat garden Barrow. Size of body 26 in. long, 19 in. wide in front, 22 in. wide at back. Sideboards, 27 in. long, 12 in. high; handles, 60 in. long; 2-in. tread wheel; 20-in. diameter. \$18.00. Rubber-tired, \$27.00.

**No. 1. Wood.** 30 inches long, 24 inches wide in front, 25 inches in back. Sideboards 12 inches high, 30 inches long. Wood wheels. \$24.00.

**Wire Leaf Rack.** 10 bus. size \$13.50.

**No. 67.** Designed for hauling through narrow greenhouse aisles. Equipped with metal hand guards. 31 inches long, 18 inches wide in back, 15 inches wide in front. Pneumatic tire. \$30.00.



**Model 455.** Steel tray. With steel wheel and Wood handles, \$23.00; with rubber tire, \$35.00.

**Model 465.** Steel tray. With steel wheel and Steel Pipe handles, \$24.00; with rubber tire, \$35.00.

**No. 20. Barrow.** Here is an attractively priced Barrow for light service. With steel wheel \$10.45; with semi-pneumatic rubber tire \$14.20.

**Buch Whiz Barrow.** Three cubic feet heaped capacity; large enough for general use around garden and home. Pressed steel seamless tray, rubber handle grips. \$15.30.

### MANURE FORKS

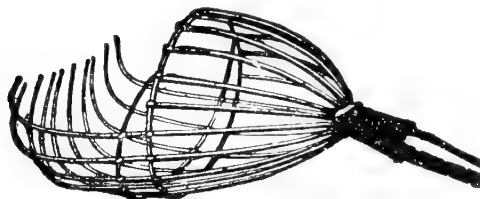
4 tines; D handle.....\$2 85  
5 tines; D handle.....3 00  
6 tines; D handle.....3 50  
4 tines; 4-ft. handle.....2 70

### HAY FORK

3 tines; 6-ft. handle.....\$2 90

### ENSILAGE FORKS

8 tines; D handle.....\$5 50  
10 tines; D handle.....6 00



### Fruit Picker

The best fruit is always out of reach. As a Fruit Picker it has no superior. It is made of heavy wire and easily adjusted to a pole. 75c, postpaid 90c.

**Ladies' Floral Garden Sets.** \$5.00, postpaid \$5.25.

**Rake**.....\$1 50  
**Hoe**.....1 75  
**Shovel**.....2 00

For Parcel Post add 15c to each tool.

FOR PARCEL POST, ADD 25c TO EACH TOOL

### HOES



Fig. 1



Fig. 2

**Warren Hoe.** Heart-shaped.....\$1 95

**Garden Hoe.** 2-prong.....2 00

**Garden Hoe.** 6½-in. blade.....2 10

**Garden Hoe.** 5-in. blade.....1 75

**Nursery Hoe.** W-BGN. 2½-in.....1 95

**Gardex No. 110-5. Pull Hoe.** Fig. 1.....1 50

**Gardex Cult. Weeder.** Fig. 2.....1 35

**Potato Hook or 4-prong Hoe.**.....2 50

**Garden Mattock (MH3)**.....2 25

See page 49 for other Hoes

### SHOVELS

**Round point** (long handle; best grade) 3 00

**No. 4. D handle Scoop Shovel**.....3 00

**No. 8. D handle Scoop Shovel**.....3 25

**Ladies' Garden Shovel WSL21**.....2 10

### SPADES

**Garden Spade.** Long handle.....3 00

**Standard Garden**.....3 00

**Heavy Nursery.** D handle.....6 00

**Turfing Sod Lifter.** W-SL.....4 75

### SPADING FORKS

4-tine; long handle.....2 50

4-tine; D handle.....2 50

### REPAIR HANDLES

**Spading Fork Handles**.....1 20

**Manure Fork Handles**.....1 20

**Hoe Handles.** 4½-ft. cap and ferrule. 1 00

## M.-S. Water Ballast Lawn and Tennis Court Rollers

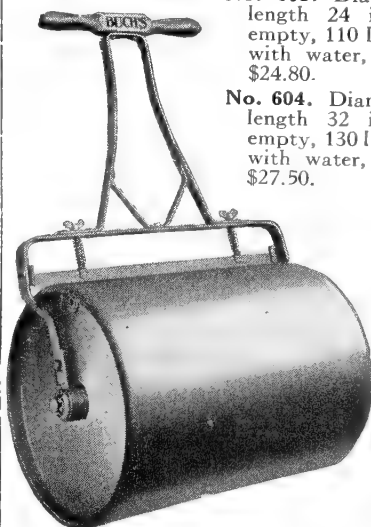
Equipped with Ball Bearings and Scraper

**No. 601.** Diam. 14 in., length 24 in. Wt., empty, 70 lbs.; filled with water, 175 lbs. \$16.80.

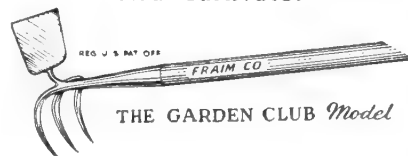
**No. 602.** Diam. 18 in., length 24 in. Wt., empty, 85 lbs.; filled with water, 265 lbs. \$20.00.

**No. 603.** Diam. 24 in., length 24 in. Wt., empty, 110 lbs.; filled with water, 420 lbs. \$24.80.

**No. 604.** Diam. 24 in., length 32 in. Wt., empty, 130 lbs.; filled with water, 566 lbs. \$27.50.



### Combination Hoe and Cultivator



THE GARDEN CLUB Model

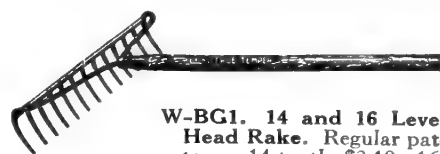
Two of the most important of all garden tools, on one handle. \$2.00, postpaid \$2.15.



### Speedy Cultivator

\$2.10, postpaid \$2.25

**Stable Brooms.** Push type. 16-in. with hand, \$2.00; 14-in. \$1.75. Extra handles, 75c. Postpaid, add 25c each.



**W-BG1. 14 and 16 Level Head Rake.** Regular pattern. 14-tooth \$2.10; 16-tooth \$2.25. Postpaid, add 23c.

**W-BG1. 14 and 16 Steel Rake.** Bow pattern. 14-tooth \$2.25; 16-tooth \$2.40. Postpaid, add 23c.

**Rake, Wood.** 24-tooth. \$1.50. Postpaid, add 23c each.

**Gardex Scuffle Hoe, No. 4107.** This push-type Hoe is a favorite for cutting weeds in driveways, close to buildings and other places where ordinary hoes are unsatisfactory. The blade is made of special high-grade steel that will stand up and stay sharp. Blade 7 in. wide; 5-ft. handle, \$1.50, postpaid \$1.73.



**Disston Steel Lawn Rake.** The finest lawn Rake ever made. No stooping, no bending—just sweep your lawn as with a broom, and off comes the dead grass and leaves without tearing up surface roots. The Disston Rake has teeth of special flat spring steel, oil tempered and hardened for resiliency and resistance to wear. They will not wear sharp in use. 18 teeth, \$2.65; 24 teeth, \$3.25. Postpaid, add 23c each.

**Bamboo Lawn Broom.** Well made and serviceable. 18 in., \$1.50; 24 in., \$2.00; 30 in., \$2.50.

**No. 403. Garden Lawn Sweep.** 18 in. wide, 22 tines, 42 in. handle \$1.25, postpaid \$1.48.

### Gardex Hand Plow

**No. 2006.** For opening and covering furrows, hilling corn, potatoes, etc., making irrigation ditches around gardens and for bulb-planting. With one easy trip across your garden pulling the Plow behind you, you have a clean, open furrow, ready for planting. Easy to hill your plants in one-fifth of the time and without damaging the roots. 6 in. wide; 5-ft. handle. \$2.10, postpaid \$2.33.



## SPRAYERS AND DUSTERS

### SUPER-MIST NEBULIZER

No. 444. Hudson Super-Mist 4-jet feature. Qt. 75c; postpaid 90c.

### Barrel Spray Pump

No. 3160. Maintains a continuous high pressure of 200 pounds, sufficient to easily keep two lines of hose in operation. Fits any barrel. 8 ft. 1/2-in. high-pressure hose; 1/4-in. brass shut-off cock; 3 ft. 1/4-in. iron pipe extension. Weight 31 lbs. \$22.25.

No. 3175. Heavy Duty \$39.20.

Myers No. 45032-E.R. 12 1/2 Silver Prince.

Portable 3/4 h.p. wheelbarrow-type engine-powered sprayer, rubber tired. Pressure 225 lbs.; capacity 12 1/2 gals. 15 ft. 3/8-in. hose; weight 192 lbs. Write for price.

### HUDSON SUNSHINE PORTO SPRAYER

No. 3603. An efficient portable spraying outfit for all kinds of spraying in the field, orchard, and garden, also for spraying whitewash, cold-water paints, and disinfectants. Capacity 15 gallons. Equipped with 6 feet of 3/8-inch high-pressure spray hose, automatic shut-off, and 2 1/2-foot steel extension. Shipping weight 50 pounds. \$28.80.

No. 3703. Like above with pressure tank. 250 lbs. \$43.60.

### KEN SPRAYALL SPRAYER

The all-purpose, double-action continuous sprayer; finger-tip adjustment control, easy to operate. No tank to clean; to be used with a bucket. \$7.95, postpaid \$8.15.

### Dobbin Spray Pump Accessories

Will Fit Most Sprayers.



No. R2784



No. 223

No. 1230. Swivel Nozzle, no spray cap. Permits spraying in any direction. \$1.15, postpaid \$1.20.

No. 4679. Straight Nozzle Cap. 75c, postpaid 80c.

No. 223. Automatic Nozzle. \$2.20, postpaid \$2.25.

No. 4586. Automatic Nozzle with hose, coil spring, and clamp. \$2.75, postpaid \$2.80.

R2784. Bordeaux Nozzle. \$1.65, postpaid \$1.70.

No. 353. 2-ft. Brass Extension. Straight. 90c, postpaid 92c.

No. 1579. Curved. 95c, postpaid \$1.12.

No. 92. Vermorel Nozzle. All brass. \$1.90, postpaid \$1.95.

No. 4482. Y fitting for two spray nozzles; spray interlocks slightly and gives wide coverage. \$1.55, postpaid \$1.60.

Spray Hose. 3/8-in., 200-lb. pressure, 20c per ft.; 1/2-in., 200-lb. pressure, per ft.; 1/2-in., 800-lb. pressure, per ft., postpaid 1/2-in. Clamps. 8c each, 90c per doz.

1/2-in. Hose Couplings. \$1.10 per pair.



Capacity 1 qt. \$4.25, postpaid \$4.50.

### PARAGON SPRAYERS

*For Spraying Whitewash, Water Paint, Insecticide. No Straining of Materials; Cleans Automatically*

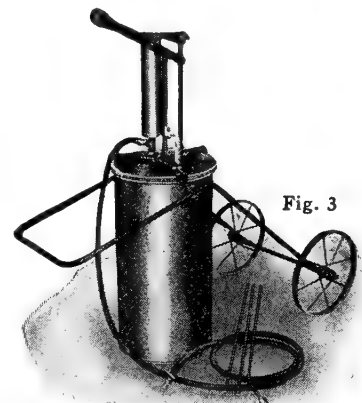


Fig. 3

No. 3. (12 gal.) Equipment furnished: 10-ft. Special Spray Hose; 7 1/4-ft. Spray Pipe, total reach 17 1/2 ft. Shut-off Valve; 3 Spray Nozzles. Complete with 2-wheel truck, \$35.95, without truck \$28.25. Fig. 3.

No. 4. (28 gal.) Equipment furnished: 20-ft. Special Spray Hose; 10-ft. Spray Pipe; Shut-off Valve; 3 Spray Nozzles and barrel, on wheels. Complete \$55.00.

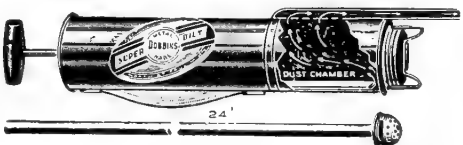
Air Gauge for either of the two Sprayers, \$3.50.



### Root Dusters

Model P-1. Small, light-weight, durable garden Duster. The patented nozzle can be adjusted to dust underside of foliage as well as the top. This Duster gives strong, even distribution. \$2.20, postpaid \$2.35.

Model P-2. Jumbo. \$3.35, postpaid \$3.70.



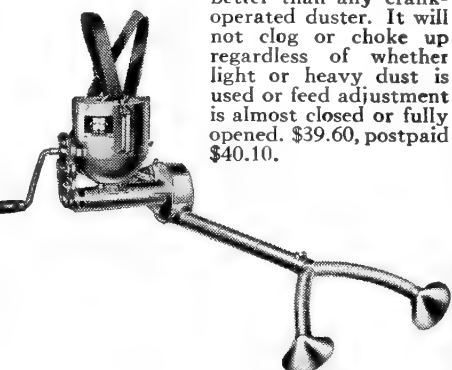
No. 132. Equipped with 24-inch extension. \$2.10, postpaid \$2.25.

Duster, Model C3. Capacity 7 1/2 pounds. Feed adjustment 1 to 25 pounds per acre.

Weight 15 pounds. \$32.40, postpaid \$32.65. Flexible Y tubes for dusting two rows included.

No. 806. Roto Power Duster. Guaranteed to turn more lightly, to deliver a greater volume of air at higher velocity and dust

better than any crank-operated duster. It will not clog or choke up regardless of whether light or heavy dust is used or feed adjustment is almost closed or fully opened. \$39.60, postpaid \$40.10.



No. 220G. Funnel top, cam lock. 2 1/2-gal. galvanized tank; 10-in. pump; 3 1/2-ft. discharge equipment. \$7.00, postpaid \$7.30.

No. 310G. Suited to heavy spraying jobs and will successfully spray any solution including heavy DDT or any other agricultural, commercial or industrial chemicals. Effective with cold-water paints, white wash and slurries. \$13.20, postpaid \$13.60.

No. 335G. Capacity, 3 1/2 gallons; open top for easy filling. \$11.20, postpaid \$11.55.

No. 210B. Copper tank. \$22.40, postpaid \$22.80.

No. 291G. Capacity, 3 gallons; funnel top. Tank copper riveted and sweat soldered. \$7.60, postpaid \$7.90.

No. 438. Compression sprayer, 3-quart capacity. Galvanized tank, all brass parts. \$3.30, postpaid \$3.55.

No. 2,4-D Sprayer. 3 1/2-gallon copper tank with boom and cart. Used primarily on lawns to destroy weeds with 2,4-D. \$23.60, postpaid \$24.10.

No. 241B. 2 1/2-gal. brass, \$19.20, postpaid \$19.50.

No. 210. Flame Sprayer complete in two cartons. The fuel used is kerosene, gasoline, range-oil, stove-oil or light furnace-oil. Kerosene vapor and air are combined in the burner in correct proportion. Size of flame is easily controlled by a regulating valve. It is absolutely safe! Very economical to operate, as the average oil consumption is only 1 gallon per hour. \$23.50, postpaid \$24.25.

### Arnold Garden Hose Sprayer

Just insert cartridge, connect to garden hose, and turn on the faucet.

Arnold Garden Hose Sprayer. Chrome finish. \$5.50, postpaid \$5.85. With Adjustable Nozzle. \$6.50, postpaid \$6.85.

36-in. Straight Extension. Chrome finish. \$2.25, postpaid \$2.50.

Coupling only. \$1.00, postpaid \$1.05.

Transparent Chamber Only. \$2.00, postpaid \$2.12.

Victory Sprayer (Plastic). \$1.00, postpaid \$1.05.

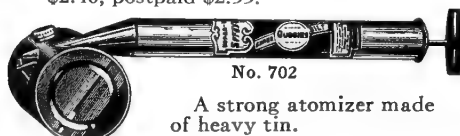
For Cartridges see page 45.



**Jake Sprayer**

No. 50G. A very efficient hand sprayer. Has two nozzles as illustrated. Continuous. Tin pump and galvanized iron container. \$1.40, postpaid \$1.55.

No. 50B. Brass pump and container. \$2.40, postpaid \$2.55.



No. 702

A strong atomizer made of heavy tin.

No. 702. Quart, size 50c, postpaid 65c.

No. 710. 10-oz. size, 40c, postpaid 52c.

ALL PRICES SUBJECT TO MARKET CHANGES

## LAWN SPRINKLERS, GARDEN HOSE, AND BEETLE TRAPS



No. 3

### Japanese Beetle Traps

**No. 3.** \$1.00, postpaid \$1.15.  
**Iron Stand.** 50c, postpaid 65c.  
**Perforated Cages.** Cap. 1½ qts. 40c, postpaid 52c.  
**Complete Ellis Co. Trap with 4 oz. Bait.** \$2.15, postpaid \$2.40.  
**G. & O. Trap with Bait.** \$1.00, postpaid \$1.12.  
**Iron Stand.** 50c, ppd. 65c. Complete G. & O. Trap \$1.90, ppd. \$2.15.  
 For Bait see page 45.

### Double Rotary Sprinkler

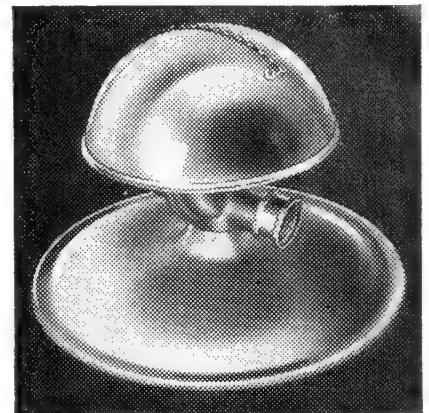
Used by golf courses, parks, cemeteries, institutions, and large estates.



It sprinkles uniformly any circular area up to 80 feet in diameter—more than 5000 square feet. Easily adjusted to cover areas down to 15 feet in diameter.

**Model H.** ..... \$18 75  
**Junior.** ..... 10 50  
 If to be sent postpaid, add 40c each

### Stampco Lawn Sprinkler #601



For the first time a dependable oscillating type lawn sprinkler that everyone can afford; unique spraying action, covers area from 10 x 10 to 40 x 40 ft. Price \$7.75, postpaid \$7.95.

### Skinner Utility Sprinkler

Simple, foolproof slow motion revolving Sprinkler. Operates by repeated impact of swinging arm, actuated by water issuing from secondary nozzle. An effective, dependable and positive Sprinkler.

Catalog Number	Main Nozzle	Pressure Lbs.	Diameter Coverage	Gallons Per Min.
SA ¾"	5/32" 5/16"	20—35 25—45	75—85 82—97	6—7.5 8—10.5

Price—Head Only ..... \$6 95  
 On Gal. Skid Base ..... 10 40  
 On Roller Base ..... 12 50

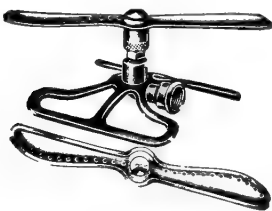
### Soil-Soaker



Puts water where you want it—all soaks to the roots. Made of mildew-resistant canvas; one end screws to water-hose, other end closed. No waste on walks or driveways.

<b>No. 0.</b> 12-ft.	.....	\$1 80	\$1 92
<b>No. 1.</b> 18-ft.	.....	2 40	2 52
<b>No. 2.</b> 30-ft.	.....	3 70	3 85
<b>No. 3.</b> 50-ft.	.....	6 00	6 25

### Aero Mist Sprinkler



The Aero Mist has a brass top and cast iron base, and is of modern and artistic design. It will not tip when moved about by the hose when the

Sprinkler is in operation. The spray is mist-like in texture and covers a large area. Can be operated on any kind of pressure without adjustment. \$1.90, postpaid \$2.05.

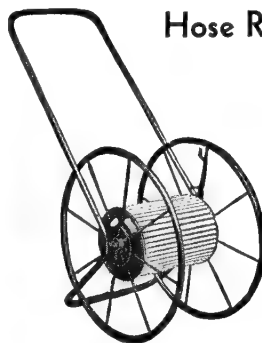
### Skinner Roto-Spray Sprinkler

A slow-motion, revolving Sprinkler. All brass, simple, efficient, uniform watering. Main nozzle delivers long-throw finely broken stream. Secondary nozzle for watering inner area, also provides adjustable driving power. Ideal for greens and tees. Covers a 75-foot circle. \$15.25 complete.

### Fountain Sprinklers

Made of heavy brass. \$1.30, postpaid, \$1.45  
**Half-Circle Sprinkler.** \$1.05, postpaid \$1.17

### Hose Reels



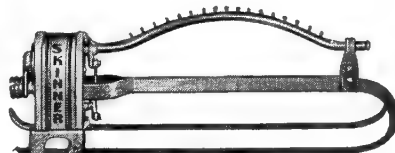
**Blue Bird.** All steel. Capacity 75 ft. \$3.25.  
**B No. 10 Tubular Hose Reel.** Capacity 100 ft. \$5.50.  
**B No. 30.** Like above for heavy duty. Capacity up to 300 ft. ¾-in. hose. \$18.00.  
 Hose Reels not mailable.

**Real - Reel.** The only portable Reel permitting water to run through the reeled-up hose. Saves time and work; holds 150 ft. of hose. \$14.95.

### Accessories

**H333.** Y Connector. 80c, postpaid 95c.  
**H344.** Gooseneck. \$1.00, postpaid \$1.15.  
**Rapid Hose Mender.** 15c, postpaid 18c.  
**Brass Hose Couplings.** ½-, ⅝-, ¾-in. 35c pair, postpaid 40c.  
**Hose Bands.** For ¾-, ⅝-, ½-in. hose. 7c each; 70c per doz., postpaid 75c.  
**Hose Washers.** 10c per doz., postpaid 12c.  
**Hose Nozzle.** Light, all brass. 89c, ppd. \$1.06.  
**Hose Nozzle.** Heavy duty. \$1.25, postpaid \$1.37.  
**Rose Nozzle.** 4-in. brass. \$1.00, postpaid \$1.07.  
**BRECO WATER HOSE COUPLING.** Snap on and off faucet in a second. Complete \$1.00, postpaid \$1.05. Extra faucet plug 25c, postpaid 27c.

### Skinner Spray Wave Sprinkler



A huge fan of fine sprays swings back and forth covering 40 x 50 ft. Adjustable swing. Weight 10 lbs. Uses 5 gallons per minute. Operates on ordinary city pressures. \$18.95, postpaid \$19.28.

### The Rain Wave



Big brother to Spray Wave. Covers slightly larger area. 50 x 50 ft. to 60 x 60 ft. Suitable also for hoseless irrigation systems. Wt. 19 lbs. Uses 5 gallons per minute. Operates on usual city pressures. Available as a complete unit, or head only mounted on a special coupler for hoseless irrigation. \$42.50.

### Garden Hose

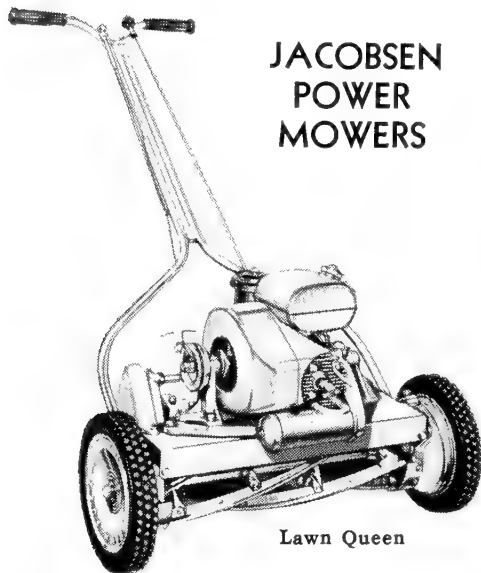
**Surprise.** ¾-in. high-grade rubber Hose. Flat corrugation. Green; 2 braid. 25 ft. coupled, \$5.25; 50 ft. \$9.25.  
**Phildel.** ⅝-in. medium grade. Heavy ribbed corrugation. 1 braid; red. 25 ft. coupled, \$4.50; 50 ft. \$7.75.  
**Quaker.** ¾-in. green. Heavy duty for greenhouse and golf courses. 25 ft. coupled, \$8.25; 50 ft., coupled, \$15.50.

### Sandee Feather-Lite Co-Polymer Garden Hose

Amazing light weight—approximately one-third that of ordinary hose. Extremely high bursting strength of 375 to 450 p.s.i. at room temperature. Will not balloon and burst when left exposed to the sun with full, normal water pressure.

Freezing to 25° below zero will not injure this hose, even when it is filled with water. Will not crack or peel, soften or rot when exposed to the sun, oil or grease. Two colors: Grass-Green and Cardinal-Red. 25 ft. \$5.75, 50 ft. \$10.00, ¾-in. for cemeteries, etc.

## HAND AND POWER MOWERS



**JACOBSEN  
POWER  
MOWERS**

**Lawn Queen**

**LAWN QUEEN.** Widely used commercially as well as on residential lawns. Capacity 2½ acres per day. 21-in. cut, \$151.00.

**MANOR.** Roller-driven type. Two traction rollers. 21-in. cut, \$181.00.

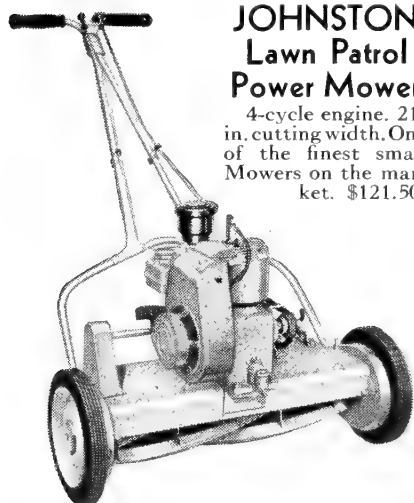
**LAWN KING.** Expressly designed to give utmost satisfaction on larger lawns. Capacity up to 5 acres per day. 26-in. cut, \$305.00.

**ROLLER-DRIVEN TYPE ESTATE MOWER.** Two traction rollers. Capacity up to 5 acres per day. \$305.00.

**ESTATE FULL ROLLER MOWER.** Has solid roller in place of two traction rollers. \$325.00.

**PARK 30.** Replaces the Four-Acre, which has been discontinued. Equipped with 3 H.P. engine, 5 blades, all-steel reel. Capacity up to 7 acres per day. \$450.00.

**Accessories for Park 30 Mower**  
Trail Mowers. Two 20 in. Units and Trail-Rite Sulky. . . . . \$155 50  
Grass Catcher. . . . . 21 00  
Snow Plow. . . . . 57 00  
RIDING SULKY. . . . . 58 50



**JOHNSTON  
Lawn Patrol  
Power Mower**

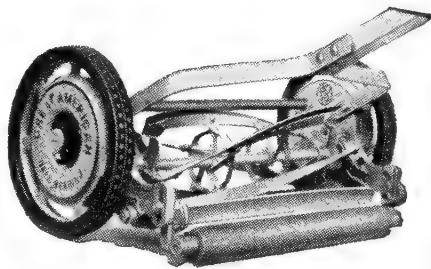
4-cycle engine. 21-in. cutting width. One of the finest small Mowers on the market. \$121.50.

**JOHNSTON ALL STEEL HAND MOWERS.** Long-wearing and easy-running Mowers. Rubber tires; 5 blades. 16-in. . . . . \$29 50  
18-in. . . . . 30 50

**JACOBSEN MODEL A.** 20-in. power leaf mill. No raking, hauling or burning. \$231.50.

Illustrated circular on request.

### PENNSYLVANIA HAND MOWERS



**GREAT AMERICAN.** 15-in. cut; 10-in. R.T. wheel; 5 blades, \$31.40.

17-in. cut; 10-in. R.T. wheel; 5 blades, \$33.35.

19-in. cut; 10-in. R.T. wheel; 5 blades, \$36.50.

**PENNSYLVANIA, JR.** For precision; sturdily constructed and finely machined parts. 17-in. cut; 10-in. R.T. wheel; 5 blades. \$42.15.

**PENNALAWN.** 16-in. cut; 10-in. R. T. wheel. \$21.00.

**PENNSYLVANIA TRIMMER AND EDGER.** Saves time and labor for the gardener. 6-in. cut, \$24.75.

**PENNSYLVANIA FAIRWAY MOWER.** Trio of 3 units with frame and traction hitch. 7-ft. cut. Rubber tires. \$847.00. To operate by tractor.

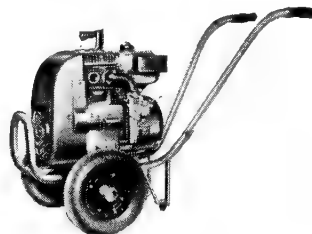
### GRASS CATCHERS

**No. 11131.** Canvas Bottom. 12 to 16-in. mower, \$2.00, postpaid \$2.20.

**No. HS 224S.** Metal bottom. 16 to 18-in. mower, \$3.00, postpaid \$3.20.

**No. PR 223-2.** Power Mower Grass Catcher. White duck sides, sturdy wire frame, heavy aluminum bottom. Fits mowers from 18 to 24-inch. \$4.00, postpaid \$4.25.

**LAWN SWEEPERS.** See page 58.



### ONAN PORTABLE ELECTRIC PLANT

**Model O7AH-1M.** Used for generating current to operate one or two Stanley Trimmers. \$279.00; Dolly \$34.50.

**For Service  
on Power Lawn Mowers**

Call Lexington 6170

Boulevard 128.

Dial 47



### Worthington Standard Rotary Disc Power Mowers

Mows the finest lawns, terraces, hilly terrain. Cuts within 2 inches of any obstacle. Designed for close work around trees, flower beds, headstones, benches. Excellent for mowing under shrubbery.

18-in. rotary disc. . . . .	\$106 50
20-in. rotary disc. . . . .	187 50
25-in. rotary disc. . . . .	281 50
31-in. rotary disc. . . . .	505 00
37-in. rotary disc. . . . .	560 00
48-in. rotary disc. . . . .	640 00



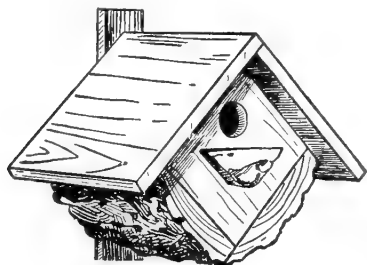
### STANLEY ELECTRIC TRIMMER

**No. 199.** Grassshear used to trim around trees, shrubs and flower beds. It operates on 110 volts, A.C. or D.C. current. Consists of 1 Grassshear, 1 extra set of brushes, 1 box of blades. \$69.50. Extra equipment, 50 ft. and 100 ft. cord with connections, \$10.50, \$15.00 respectively.

**Extra Blades. P-5897C.** 3 to box . . . \$2 75

**SERVICE DEPARTMENT.** Our Service Department is thoroughly equipped with the most modern machinery to give prompt and efficient service by our skilled mechanics. We repair, sharpen, or adjust any model Power or Hand Mower. All work called for and delivered. Get our estimates on your requirements.





Wren House No. 31

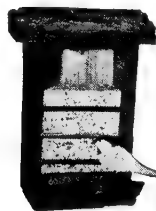
## Rustic Bird-Houses and Feeders

### WREN HOUSES

- No. 1.** To be hung from the branch of a tree. May be opened for cleaning. Length: 8 inches. \$2.70, postpaid \$2.85.
- No. 35.** A neat home of cypress and roofing material. For cleaning loosen the two screws which hold the bottom strip. Length: 8 inches. \$1.15, postpaid \$1.27.
- No. 31.** Rustic hemlock. Fasten to tree, arbor, etc. Side removable for cleaning. Size: 8 inches. \$2.25, postpaid \$2.40.

### HOUSES FOR BLUEBIRDS, SWALLOWS, ETC.

- No. 7.** May be mounted on pole or hung from tree. Hinged side. Height: 10½ inches. \$3.15, postpaid \$3.30.
- No. 4.** Made of winter-cut hemlock. This style is intended to be fastened against the trunk of a tree. The roof may be removed for cleaning. Height: 10 inches. \$3.50, postpaid \$3.65.



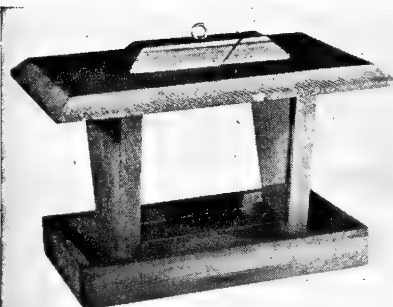
No. 101

- No. 110. Combination Shelter.** In the winter it serves as a feeding station, in summer as a nesting-shelter for robins. The suet basket is removable. Trimmed with rustic hemlock. Size: 10 inches. \$3.30, postpaid \$3.45.



No. 104

- No. 8. Chickadees, Nut-hatches.** A home for such birds as chickadees, titmice, and nut-hatches. The roof, front, and sides are of winter-cut hemlock. The front is removable for cleaning. Height: 13 inches. \$3.50, postpaid \$3.65.



No. 755

- No. 755. Clearview Feeder.** Easily filled, ample capacity. To hang or put on pole. \$3.50, postpaid \$3.70.
- Seed Feeders. No. 104.** \$3.50, postpaid \$3.65. **No. 116.** \$1.30, postpaid \$1.42.
- Window Feeders. No. 124.** Glass Top. For attaching to sill. \$4.85, postpaid \$5.10.
- No. 130. Lantern Feeder.** Holds 2 pounds. Feeder \$3.25; Bracket \$1.65. \$4.75 complete.

**Chickadee Diner** for clinging birds, filled. No. C.D.A. \$1.35, postpaid \$1.50.

**Community Diner** for clinging and perching birds. No. C.D.D. \$1.65, ppd. \$1.80.

**Chickadee Tidbits. C.T. 24.** Refills. Box of 24. \$1.25, postpaid \$1.37.

**B.B. 2. Bird Banquet.** Peanut cake. Each 35c, postpaid 45c.

**S.S. 1. Bird Snack.** Suet and seed cake. Each 35c, postpaid 45c.

**Bishop Wild Bird Cake.** Suet, seeds and berries. Each 45c, postpaid 57c; doz. \$4.75, postpaid \$5.00.

**Suet and Bird Cake Basket. No. 114.** 65c, postpaid 70c.

**Suet and Bird Cake Rack. No. 101.** Made of wood. Protects food from weather. \$1.45, postpaid \$1.57.

**M.-S. Mixture Wild Bird Food.** Many kinds of seeds, grains and nuts, for wild birds. Lb. 15c.

**Sunflower Seed.** Lb. 25c.

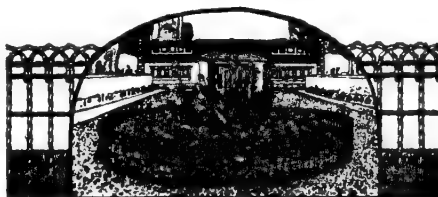


No. C.D.A.

All feeds subject to market change; if to be sent postpaid, add postage.

## Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall. Box of 25 assorted sizes. 75c, postpaid 87c.



## Flower-Bed Guard

Fits any shape or size of flower-bed. No posts required. Cut to any length. Bottom of pickets left straight to be inserted in the ground. Made in 3 heights. Per lineal foot: 16-in., 11c; 22-in., 13c; 28-in., 15c. Not mailable.

## Wire Trellis

Cut to any length; fits any porch. Furnished in 2 widths. Per lineal foot: 18-in., 13c; 24-in., 15c. Not mailable.



## Shrubbery Protector

TO KEEP DOGS AWAY

Each Protector has 3 prongs spread out to protect 2½ lineal feet of shrubbery; inconspicuous and inexpensive. 30c each; \$3.00 per doz., postpaid \$3.12.

## Hotbed Mats, Sash and Glass

**Hotbed Mats.** 76 x 84 in. covers 2 sash, \$6.00. Special prices in quantity. Express or Freight.

**Hotbed Glass.** Box of 90 panes, 8 x 10 in., \$6.00; less than box lots, 9c per pane. Price subject to change. Express or Freight.

**Cel-O-Glass.** See page 44.

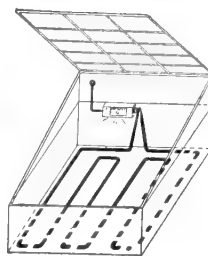
**Hotbed Sash.** \$5.50.

**Peerless Glazing Points.** The finest Glazing Points on the market. Box of 1000, \$1.00, postpaid \$1.10.

**Turnbul Electric Water Heaters.** Keeps water from freezing in the bird bath. \$4.00, postpaid \$4.12.

## "GRO-QUICK" ELECTRIC SEED BED HEATER

Be a month ahead of neighboring gardens



For outdoor starting of plants. Enables you to transplant several weeks ahead of the regular planting season. Also for forcing early flowers and vegetables outdoors. Outdoor-started plants excel in vigor and thrifty growth, and they transplant with minimum shock.

**Senior Size.** Complete with thermostat and 80 ft. of 400-watt heating cable, sufficient for two 3 x 6 hotbeds. \$9.00, postpaid \$9.15.

**Junior Size.** Complete with thermostat and 40 ft. of 200-watt heating cable, sufficient for one 3 x 6 hotbed. \$6.75, postpaid \$6.87.

**Thermostat.** Only 1000 watt, 115 volt. \$4.50, postpaid \$4.62.

**Senior Cable.** Only 80 ft. \$4.50, postpaid \$4.65.

**Junior Cable.** Only 40 ft. \$2.25, postpaid \$2.32.

## DAIRY SUPPLIES

### Bag Balm

For all diseases of the cow's udder and teats. \$1.00, postpaid \$1.10.



### Kow-Kare

The great cow tonic and conditioner. \$1.00, postpaid \$1.15; 2½ lbs. \$1.50, postpaid \$1.65.

### Bag Balm Dilators

For injured teats, hard milkers, etc. \$1.00, postpaid \$1.10.

## Kees Calf and Cow Weaners

**No. 525.** Calf-size. 50c, postpaid 55c.

**No. 526.** Cow-size. 60c, postpaid 65c.

## Butter Churns

**No. 1 Cylinder Churn.** Capacity 3 gallons. \$6.00, postpaid \$6.75.

## Bull and Hog Rings

**Hog Rings.** To prevent rooting. Made of copper. 100 rings. 30c, postpaid 35c.

**Hog Ringer.** 40c, postpaid 50c.

**Bull Rings.** Polished copper. Heavy ½-in. copper. 3 in. in diam. 50c, postpaid 55c.

**Bull Rings (Cannon Ball).** Heavy ½-in. bronze. \$1.50, postpaid \$1.55.

## Thermometers

**Dairy Thermometer. No. 5715.** Floating. 90c, postpaid \$1.12.

**Household Thermometer. No. 5140.** 90c, postpaid \$1.12.

**Self-regulating Hothouse Thermometer. No. 5448.** Economical. \$10.00, postpaid \$10.15.

**Brooder and Incubator Thermometers.** See page 60.

# PLANET JR. FARM & GARDEN TOOLS



Planet Jr. No. 17  
Single Wheel Hoe

The Planet Jr. No. 17 is the most popular cultivator for home gardeners as it includes all the necessary equipment as illustrated above. Weight 22 pounds. \$12.95.

No. 18. Single Wheel, hoes only. \$9.95.

No. 12. Double and Single Wheel. (Fig. 2). 4 cultivator teeth, 2 plows, 2 hoes and 2 leaf lifters. \$19.50.

No. 13. Double Wheel, hoes only. \$14.95.

No. 119. High Wheel Cultivator. \$8.50.

## Wheel Hoe Repairs

S100/S101. 3 or 4½-in. Hoe. \$1.60 per pr.

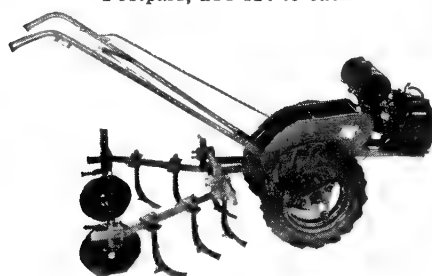
S100/S101. 6-in. Hoe. \$1.60 per pr.

No. R6. Plow for Single Wheel Hoe. \$1.55.

No. 1704. Plow without landside. 55c.

No. 1395. Cultivator Teeth for Hand Hoe. 50c each.

No. 7563X. Five-Prong Weeder. \$2.00. Postpaid, add 12c to each



## The Planet Jr. Tractor

For a really low-cost all-round gardening outfit, the Planet Jr. Tractor can save you untold hours of time and work and will pay for itself many times over. Light in weight, exceedingly simple to operate.

An efficient motor furnishes an astonishing amount of power for cultivating, plowing, harrowing, lawn-mowing and field-mowing. Send for complete catalog showing the Planet Jr. Tractor and all attachments.

BP-1. (1½ H.P.) Tractor with 4.00 x 12 Rubber Tires. \$178.00.

B-8. (2½ H.P.) Tractor with 5.00 x 12 Rubber Tires. \$214.50.

B-12. Cultivator for B-8. \$35.95.

B-13. Cultivator for BP-1. \$25.95.

B-21. Plow with Coulter. Fits either tractor. \$39.95.

AB-34. One Row Seeder. Fits either tractor. \$41.00.

B-58. Field Mower. Fits either tractor. \$89.50.

B-51. Power Lawn Mower. Fits either tractor. \$94.50.

HT-40. Snow Plow and Grader. Fits either tractor. \$33.50.

B-50. Trailer Cart and Riding Attachment. Fits either tractor. \$114.00.

## Garbage Pails

Standard Pails with heavy cover locking bail. Deep close-fitting cover with wire beaded edge. Has comfortable welded handle and ventilating hole. Deep foot raises bottom off ground. Bottom double seamed into body.

No. 110. 14 x 18 in. Capacity 10 gals. \$2.25, postpaid \$2.56.

No. 120. Capacity 20 gals. \$3.45, postpaid \$3.86.



Fig. 1

## Seeders and Distributors

No. 300A. Drill Seeder. (Fig. 1)....\$34 95

No. 4. Seeder and Cultivator..... 31 95

No. 4D. Plain Seeder ..... 25 50

No. 220. Fertilizer Distributor.... 45 95

## Planet Jr. No. 92-D Harrow



Has a plain expander, no pulverizer and no wheel, although they can be added at any time. \$17.95.

No. 90D. Less pulverizer and wheel but has lever expander. \$20.95.

## PLANET JR. CULTIVATOR ACCESSORIES

### Cultivator Steels

No. 1156.	1¼ x 8 in.....	\$0 31
No. 2367.	1¾ x 8 in.....	33
No. 2368.	2¼ x 8 in.....	38
No. 2369.	3 x 8 in.....	46
No. 2370.	4 x 8 in.....	57
No. 8764.	1¼ x 10 in.....	37
No. 8765.	1¾ x 10 in.....	39
No. 8767.	3 x 10 in.....	54
No. 8768.	4 x 10 in.....	62

Bolts for all Steels, 5c each.

### Shovel Steels

No. 2539.	7-in.....	65
No. 2540.	8-in.....	75

### Sweeps

No. 1614.	6 in.....	60
No. 1169.	8 in.....	70
No. 1170.	10 in.....	80
No. 1171.	12 in.....	95
No. 1172.	15 in.....	1 20
No. 3148.	18 in.....	1 50

### Half Sweeps

No. 4903/4.	6 in.....	Pair \$1 20
No. 3583/4.	8 in.....	1 35
No. 3585/6.	9½ in.....	1 55

### Turn Shovels

No. 3580/1.	6 in.....	\$1 50
No. 3824/5.	7 in.....	1 85

### Hillers

No. 1167/8. 6 in.....\$2 25

No. K862. Horse Hoe Roller. \$4.95

Wood Handles for H. H. ....\$3 25

## Trace Chains and Plow Lines

Trace Chains. 7-ft. straight link, \$1.25. Postage, 40c extra.

Tieout Chains. 30 ft. \$1.45, postpaid \$1.85.

Plow Lines. Cotton. 14 yds. \$1.25, postpaid \$1.37.

## Rubbish Burners

Galvanized. Cap. 20 gal. ....\$3 25



Fig. 2

## Planet Jr. Horse Hoes and Cultivators



No. 4D. Horse Hoe, no wheel.....\$19 95

No. 9D. Horse Hoe, no wheel..... 23 95

No. 100D. Cultivator, no wheel..... 14 50

No. 9D. Cultivator, no wheel..... 20 50

No. 4D. Cultivator, no wheel..... 16 50

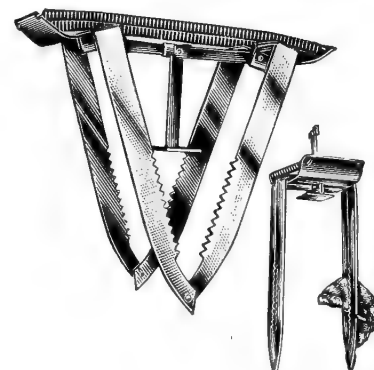
No. 101D. Cultivator, no wheel..... 16 95

## High Wheel Cultivator



No. 850. Complete with plow, double-pointed shovel and five-prong cultivator as shown. \$6.50.

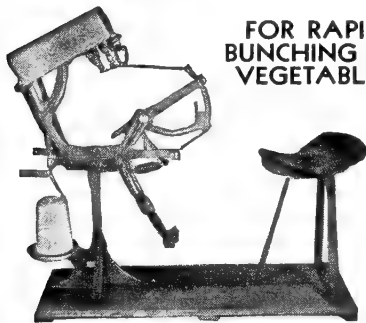
## E-Z Trip Mole Trap



This easy-to-set Mole Trap will get the Moles every time. \$1.80, postpaid \$2.00.

No. 205. Little Giant Reddick Mole Trap. One-piece handle, rugged frame, steel coiled spring, self-setting; non-clogging needle-sharp tines. Sturdy construction. \$1.50, postpaid \$1.67.

### Felins Bunch Tyer

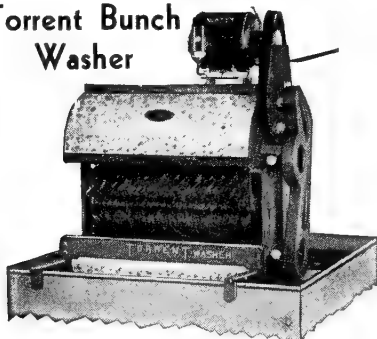


**FOR RAPID  
BUNCHING OF  
VEGETABLES**

The Standard will tie 1200 bunches in an hour and uses 6 or 8-ply cotton twine and No. 13 braid. The Electric will tie with 1/4-in. tape as well as 6 to 16-ply cotton twine up to 2000 bunches an hour.

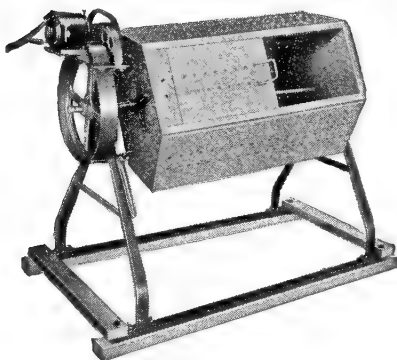
**Ball-bearing, foot operated. \$95.00.**  
**Ball-bearing, electric. \$190.00.**

### Torrent Bunch Washer



No running water is required. Place in present tank or tub; plug into light socket (save the cost of special wiring). Fill tub with water and it's ready to wash 200 dozen bunches in an hour. \$175.00.

### Root-Crop Washer

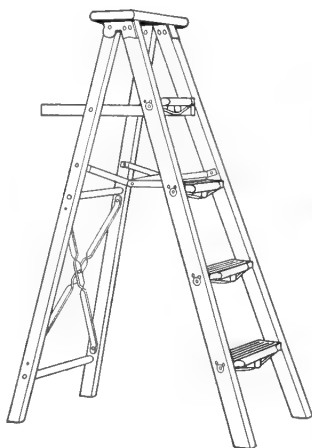


No extra wiring. Simply plug into light socket. Consumes the electricity a light bulb uses and less than 18 gallons of water for a loading. Easy to set aside when not in use. No tub to wash out—No rinsing—Rinses as it washes. 6 feet long, 3 feet wide. Capacity 10 bushels. Weight 350 lbs. \$225.00.

### Corn Sheller No. 3

A high-quality one-hole Sheller. The hopper is adjustable and takes almost any size ear. It cleans the cob of all grains, deposits the corn from the center, throws the cob out at the end and separates the chaff from the grains with a sieve. Capacity 125 bushels per day. Weight 125 lbs. \$30.00.

**W 1015. Hand Corn Sheller.** Attach to box or barrel. \$5.00, postpaid \$5.41.

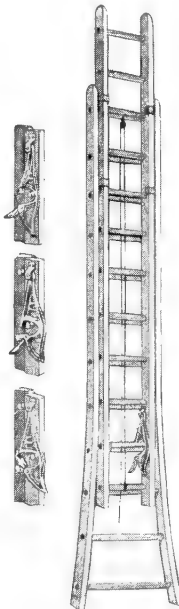


### Rich Durex Stepladders

Fully rodded non-slip steps, rounded cap, extra braced back, pressed steel ear, steel 4-arm lock, constructed of selected ladder stock. Made in lengths 4 to 10 ft. 90c per ft.

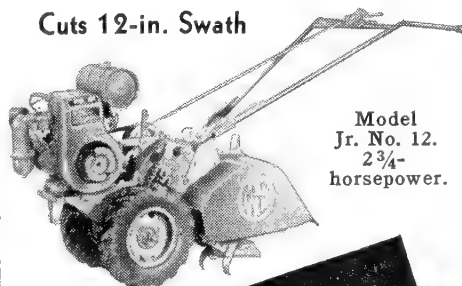
### Rich Sampson Extension Ladders

This ladder is made of fine straight-grained wood with the additional fitting of rope and pulley for raising the elevating section. 20 to 40-ft. lengths. \$1.00 per ft.



### Rotary Garden Tiller

Cuts 12-in. Swath



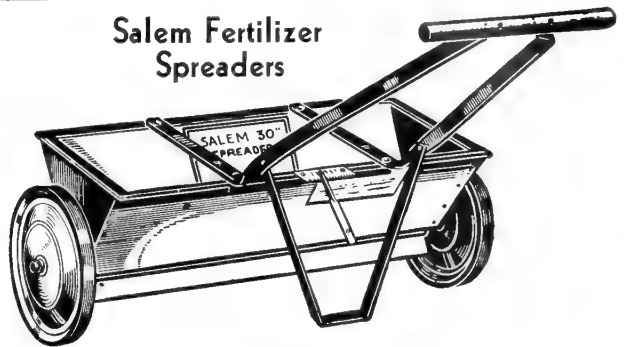
Model  
Jr. No. 12.  
2 3/4-  
horsepower.



Saves time and labor, results in increased profits. Precision built. Sturdily constructed; designed to give long life. Easy to handle. (Send for circular.)

<b>Jr. No. 12</b> .....	\$224 00
<b>Extras</b>	
<b>Snow Plow</b> .....	\$26 50
<b>Lawn Mower Bracket</b> .....	1 00
<b>Sickle Bar</b> .....	69 00
<b>Furrower</b> .....	9 00
<b>Jr. No. 16 W. 4 1/2 H.P. Wisconsin Motor</b> .....	416 00

### Salem Fertilizer Spreaders



**For Lawns, Gardens, Parks, Golf Courses, Cemeteries, etc.**  
**A Size for Every Need—A Price for Every Purse**

Salem Spreaders uniformly distribute all dry fertilizers, grass seed, top dressing, chemicals and other granular materials, and are well known for their accurate distribution and simplicity of operation.

All Models are equipped with *Patented Automatic Shut-Off and Selective Feed Control*. Just lift the handle and the flow of fertilizer stops.

Has six-gate control for accurate spreading of fertilizers, lawn seed, and other granular products.

### Salem Heavy-Duty 36-in. Spreader

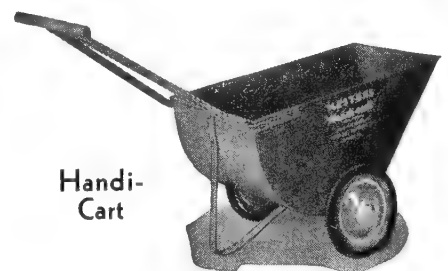
This Spreader is primarily for the use of landscape gardeners, and accordingly is heavily constructed to withstand the heaviest lawn, cemetery and golf-course work. It spreads fertilizer accurately and evenly and also any other type of granular material. This machine has a capacity of 125 pounds of fertilizer or other similar material. The wheels are 18 inches in diameter, with 2 1/2-inch tread. Weight of Spreader, crated for shipment, 80 lbs.; spreading width, 36 in.

The bigger the Spreader the quicker the job.	
16-in.....	\$7 50
20-in.....	11 50
30-in.....	17 50
36-in.....	35 50

### Salem Calcium Chloride Spreader

**For Distributing  
Calcium Chloride, Lime, Arsenate of Lead  
and Other Chemicals**

This all-purpose Spreader is of the same specifications and all-metal construction as the regular Salem Heavy-Duty 36-in. Spreader, except that the shaft running through the base of the hopper is equipped with prongs or tines which are driven through the material as the shaft turns, thereby insuring a continuous and uniform spread. 36-in., \$35.50.



### Handi-Cart

**Handi-Cart.** Sturdy sheet-metal body; solid steel axle; 10-in. disc wheels; rubber tires. Perfectly balanced; easy to handle.

<b>18S.</b> Capacity 2 cu. ft.....	\$9 95
<b>20D.</b> Capacity 3 cu. ft. Deluxe Model 14 25	

## SEED SOWERS

### Star Clover and Grass Seeder

Sows 14 to 16 feet wide, any amount desired per acre.

Will sow 20 to 25 acres per day.



This Grass Seeder is simple, without gearing, cams, or intricate machinery. It cannot get out of order.

The combination Seeder handles both clover and grass seed.

14 ft. Star Wheelbarrow Grass Seed Sower, \$35.00. 16 ft., \$37.50.



### Cahoon Seed Sower

Sows timothy, clover, oats, wheat, rye, etc. Fig. 8. \$10.00, postpaid \$10.25.

### Cyclone Seed Sower

Practical and all-round, first-class grain and grass seeder. \$3.95, postpaid \$4.10.

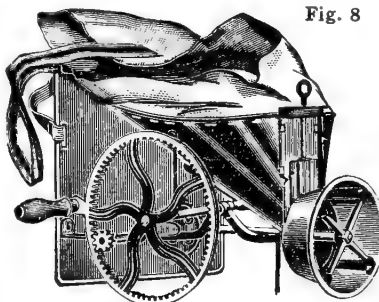
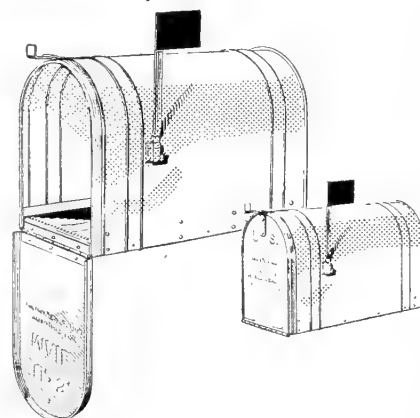


Fig. 8

Supply and prices on Farm Tools very uncertain; write for information.

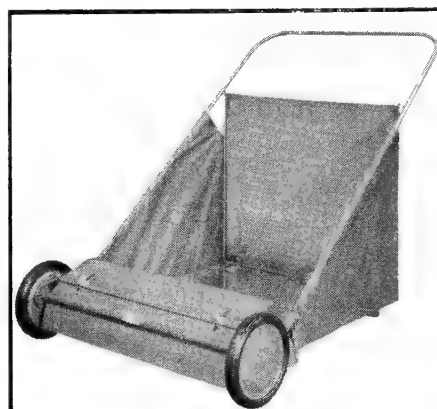


### Rural Mail Boxes

These have been approved by the Postmaster General. Made of galvanized steel, painted aluminum; have drain in bottom. Signal device painted red. Box can be locked.

No. 2. 23 in. long, 11 in. wide, 13 in. high. \$7.00, postpaid \$7.50.

No. 1. 18 in. long, 6 in. wide, 8 in. high. \$3.00, postpaid \$3.25.



### Dyna Sweep Lawn Sweeper

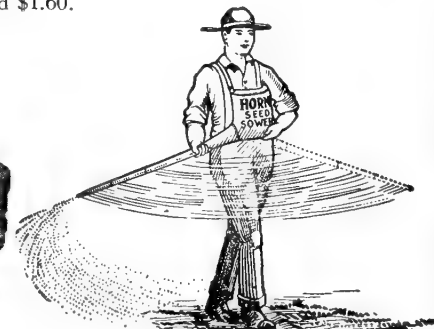
The modern way to clean and groom your lawn. The gentle whirling action of the sturdy brushes makes short work of leaves, grass clippings, paper and twigs on lawn, driveways and walks. Model S-2. 21-in. brush. Capacity 4 bus. \$29.95. Model S-3. 30-in. brush. Capacity 7 bus. \$41.95.

For other lawn equipment see page 54.

### Horn Seeder

A Sectional Tube Style

These tubes fit into each other like a stove pipe (not like a telescope). Has the Improved Brass Feed Gauge Patented. Sows all small, smooth seeds, like alfalfa, clover, timothy, etc., any desired amount per acre. Easily operated; fully guaranteed. \$1.50, postpaid \$1.60.

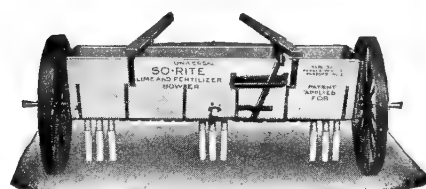


THE SECTIONAL TUBE STYLE



**SEED SOER 50¢**  
You will love it - properly distributed seed goes twice as far - saves thinning. For peas to petunias. Cork of 6 1/2" x 1" plastic tube pivots in palm - tap gently. SATISFACTION GUARANTEED. Prepaid

### "So-Rite" Universal Fertilizer and Lime Sowers



No Belts to Replace

As a Fertilizer Drill. Rubber spouts are attachable to any desired points 3 inches apart under the entire machine; adjustable to any width rows. Used as a 2-row, 3-row, or 4-row machine; remove by hand—no tools necessary. The quantity to be sown is obtained by adjustment of lever on back of machine.

As a Broadcaster. This So-Rite machine is perfect. Feed is regular and positive. Wheels are adjustable. Specifications: Wheels, 36 in. high. Tires, 3 in. wide. Capacity, Hopper, 400 to 700 lbs. Capacity per acre, 300 to 5000 lbs.

600 UI-9-1. 6 ft.; 9 spouts. \$110.00  
700 UI-9-1. 7 ft.; 9 spouts. 117.00  
800 UI-9-1. 8 ft.; 9 spouts. 125.00

Allotments of steel, gray iron and malleable iron to the various manufacturers of steel products are still very much below their usual requirements. Farm and garden tools will therefore not be plentiful, and this condition will persist probably for some time to come.

### Owens Plant Setter

Sets all kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc. The water-valve is of brass with rubber packing. The valve-rod and trip spring are of steel wire; thumb button and other fittings are also of brass. The machine is well put together. \$4.50, postpaid \$5.00.



### Rubberized Gloves

No. 4703X. Will keep your hands warm and dry. Can be used in handling any kind of liquid, spray solutions, spraying, car washing, etc. Gives complete protection to the hands. Pair 80c, postpaid 95c.

Housekeeping Gloves. Ebonettes Improved Rubber. 40c, p.p. 50c.

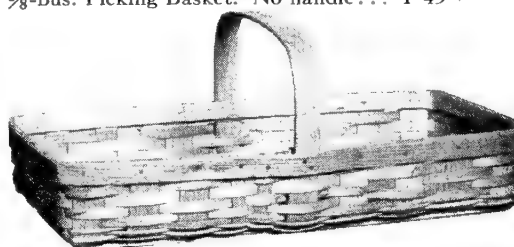
Other Gloves on page 48



### Split Oak Baskets (Rope Handles)

Made from split oak with iron straps. Very strong and durable.

1-bus. size. \$2 60  
1 1/2-bus. size. 2 90  
2-bus. size. 3 45  
3-bus. size. 4 60  
5/8-bus. Picking Basket. No handle. 1 45



Gathering Baskets. For flowers and fruit. \$2.30.

Berry Boxes. \$1.75 per 100.

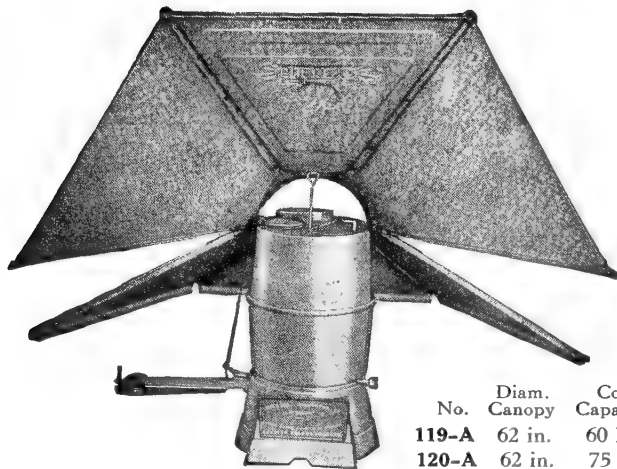


# BUCKEYE BROODERS

## THE WORLD'S BEST

WE CARRY A LINE OF INCUBATOR AND BROODER REPAIR PARTS

### Ace-Coal Brooder



Over two decades ago the Buckeye Coal Brooder came into existence, and from that day on it has been the standard of comparison in Brooder Stoves everywhere. It was scientifically designed and especially built to raise more baby chicks with less work and less fuel—and does its job well.

The Buckeye Coal Brooder has been constantly improved and today it still holds its place as the leader. This Buckeye Coal Brooder saves time and work, is easy and economical to use, saves more chicks, increases poultry profits.

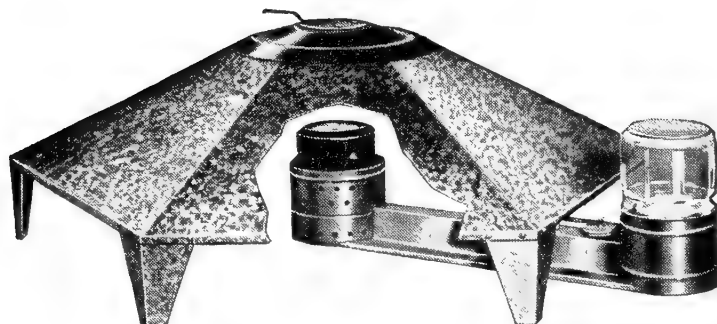
No.	Diam. Canopy	Coal Capacity	Height	Ship. Wt.	Price
119-A	62 in.	60 lbs.	25 1/4 in.	126 lbs....	\$53 25
120-A	62 in.	75 lbs.	29 in.	145 lbs....	57 00

### Oil-Combustion Brooders

Large blue steel combustion drum, double seamed, with corrugated top and bottom to increase radiation capacity. Outer drum detachable for cleaning. Offset gives larger brooding area. Flame spreader of cast iron fits over the burner and assures perfect combustion. A combination baffle and dust pan on the bottom provides circuitous air-passage for complete combustion. Spun glass kindling ring in burner insures quick starting, complete combustion, safe regulation of low flames, and prevents snuffing out. Heavy cast-iron well-type burner provides steady, even burning. Burns kerosene or 38-42 distillate.

No. 452-B. 52-in. hex. canopy. Capacity 300 to 500 chicks. \$40.00.

### Blue Flame Brooder



A good, sturdily built, automatically controlled Blue Flame Brooder with many outstanding features.

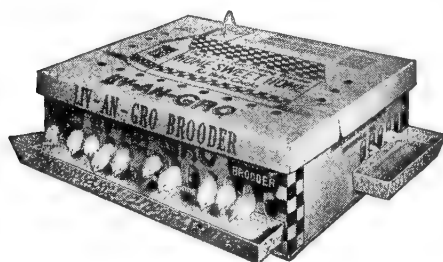
The automatic heat control is positive in action through efficient needle valve, operated by thermostatic brass wafer. Valve body is brass with small by-pass to allow sufficient flow to keep burner from going out.

Giant type burner produces an abundance of heat. Chimney is self-centering, eliminating smoky flames. Burner and oil reservoir rigidly mounted in metal housing. Burner always level. Flame always even on all sides. Can't get out of adjustment.

No. 357. 57-in. canopy. .... \$26 40

### Improved Liv-An-Gro Brooder

Save 95 per cent of your chicks



Metal feed pan and water trough with sanitary 1/2-inch mesh galvanized wire bottom, wire rods for holding wire bottom in place. Both cover and body are of extra heavy grade of corrugated board with desirable insulating properties. Adjustable guards at feed and water openings.

The electric heater consists of 6 feet of extension cord and one large metal circulation tube to hold electric bulb (bulb is not furnished). In winter, when the room temperature is 65 or 70 degrees, a 40-watt bulb is recommended. Capacity, 50 day-old chicks. \$3.95, postpaid \$4.10.

### Electric Brooders

Automatically controlled and generously insulated. Assures highest success in brooding at lowest operating cost. Best of materials are used to make it one of the safest and most satisfactory Brooders.

Automatic, adjustable thermostat switch with 3-inch double filled wafer maintains even brooding temperature. Heavy-duty, metallic cable wiring is used and electric connections are enclosed in a special metal box to comply with safety regulations.

A natural circulation of air keeps conditions under Brooder just right; controlled by adjustable ventilator on top of Brooder.

No. 60-F-49. Canopy 60 x 60 in. with electric fan. Capacity 500 chicks. \$66.20.

No. 52-F-49. Canopy 52 x 52 in. Equipped with electric fan. Capacity 375 chicks. \$62.80.

No. 36-51. Canopy 36 x 36 in. Capacity 175 chicks. \$22.80.

### Battery Brooder

No. 403. Capacity, 100 day-old chicks. Automatic control, heat evenly distributed, easily adjusted, equipped with feed and water troughs. Width overall 32 1/2 in., length 40 1/4 in., height 11 1/2 in. Easily assembled. Shipping weight 33 lbs. \$21.35.

### Buckeye's New Gas Brooder

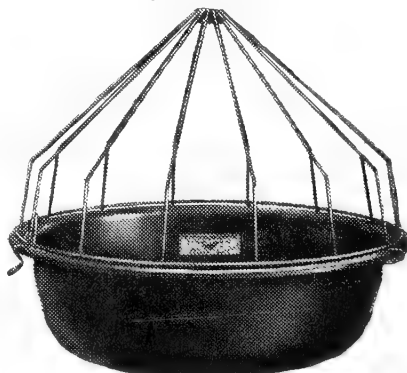
Robert Shaw Pilot Thermometer Control assures definite flow of gas to attain any desired temperature and employs the same finger-tip control with which most modern household appliances are equipped.

Brooder is shipped complete with hose, hose clamps, pulleys, thermometer, orifice, heavy cloth curtain and rope.

Brooder No. X-172-PS. With shovel baffle-pilot light, with safety shut-off valve; for liquid petroleum gas. Canopy 72 1/2 in. Capacity approx. 600 to 650. \$73.35.

Brooder No. X-172-PNS. With shovel baffle-pilot light, with safety shut-off valve; for natural gas. Canopy 72 1/2 in. Capacity approx. 650 to 700. \$73.35.

### Porcelain Enameled Pans and Grills



For water, medicine, milk or wet mash. A highly sanitary, easy-to-clean, porcelain enameled pan of many uses. A complete all-weather watering system when used with float valve and water warmer. Also many other uses around the farm—as stock feeder for tonic, medicine, etc., feed pre-mixer and for washing up. Useful in the home for canning and as a utility pan.

No. 45-E. 17 1/4 in. diam. \$2.00.

No. 41-E. 13 1/4 in. diam. \$1.45.

## MODERN POULTRY EQUIPMENT



### Float Fountains

Has double-acting copper-float valve which is positive in action—self-cleaning type that never clogs. Tank can be removed from bottom pan without fear of leaking. Heavy-gauge metal, strong bails, beaded edges, perch-proof tops.

**No. 255.** 5-gal. Float Fountain. 4-in. Float. \$4.90, postpaid \$5.25.

**No. 269.** 10-gal. Float Fountain. 6-in. Float. \$6.90, postpaid \$7.30.



### Double Wall Fount

Made from heaviest metals, all edges beaded. Has heavy interior bail and perfect construction. Live rubber washer prevents leakage and holds water in can when top is removed. Round pan, easy to clean, a real value.

**No. 453.** 3-gal. \$3.95, postpaid \$4.30.

**No. 456.** 5-gal. \$4.90, postpaid \$5.30.

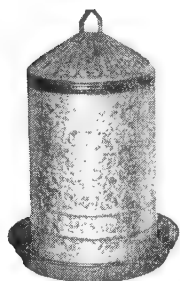


Fig. 1

### Chick Founts

For use with either growing chicks or mature fowls. Heavy metal perch-proof top.

**No. 104.** 4-qt. 75c, postpaid 87c.

**No. 450.** 5-qt. Single Wall. \$1.15, postpaid \$1.30.

**No. 302A.** Double Wall. Fig. 1. 2-gal. \$2.75, postpaid \$2.90.

### Buckeye Jar Founts

*Fit Any Mason Jar*

**No. 202.** Galvanized. Fig. 2. 16c each, postpaid 21c; 2 for 30c, postpaid 40c; \$1.65 per doz., postpaid \$1.80.

**No. 204A.** Heavy crystal glass. 18c each, postpaid 30c; 2 for 30c, postpaid 45c; \$1.85 per doz., postpaid \$2.25.

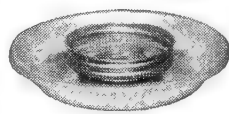


Fig. 2

### Flock Feeders

**No. GS205.** 5-ft. Grill with stand, \$7.25.

**No. GS208.** 8-ft. Grill with stand. \$10.50.

**No. G205L.** 5-ft. Grill Feeder Broilers Adj. Legs. \$5.25.

**No. G208L.** 8-ft. Grill Feeder Broilers Adj. Legs. \$7.50.

**No. RL548.** 4-ft. Grill Feeder Broilers Adj. Legs. \$2.75.

### Chick Feeders

**No. RL-336.** 36-in. Reel Feeder, all-purpose, with adjustable legs. \$1.65, postpaid \$1.85.

**No. R-224.** Baby Chick 24-in. Reel Feeder. 50c, postpaid 65c.

**No. R-218.** 18-in. 40c, postpaid 52c.

### Fountain Heaters

**No. 170.** 12-in. for No. 255 fountain. \$3.00, postpaid \$3.15.

**No. 270.** 14-in. for Nos. 265, 456 fountains. \$3.50, postpaid \$3.70.

**No. 470.** 18-in. for No. 269 fountain. \$3.90, postpaid \$4.15.

### Rain Caps and Wind Deflectors

**No. C-285.** Rain Cap. 5-in. 60c, postpaid 72c.

**No. RC-285.** Revolving Wind Deflector. 5-in., \$1.00, postpaid \$1.10.



### Stove Pipe

**Galvanized.** 2-ft. joints. 5-in. 65c.

**Tapers.** Galvanized. 5 to 4-in. 75c.

### Draft Equalizer

**D. 295.** 95c, postpaid \$1.05.

### Elbows

**Galvanized.** 5-in. 75c.

Add 12c to the price of each Elbow or joint of pipe for postage.



### Adjustable Roof Saddle

**No. 285.** This new Roof Saddle, adjustable to care for any pitch roof, is furnished complete with stack and rain-cap as illustrated.

For 5-in. Pipe. Weight, 7 lbs. \$2.50, postpaid \$2.75.

### Sanitary Steel Nests

Well ventilated. No overheating in hot weather. Ample room for large, heavy hens. In addition, for poultry breeders, we can furnish trap nest fronts as listed.

**No. 410-A.** 10-hole Nest. \$20.19.

**No. 415-A.** 15-hole Nest. \$27.43

### Sure-Trip Trap Nest Front

50c, postpaid 62c; doz. \$5.50, postpaid \$5.50. Ask for 100 price, f.o.b. Baltimore, Md.

### Incubator and Brooder Repairs

*Prices subject to change*

**Incubator Wicks.** State sizes wanted. 5c each; 50c per doz., postpaid.

**Brooder Wicks (Kerogas).**

**No. 20, 30c; No. 30, 50c, postpaid.**

**Asbestos Wicks.** 25c, postpaid.

**Putnam Stove Wicks and Holder and Wick.** 10c, postpaid.

**Putnam Heater Wicks and Holder and Wick.** 15c, postpaid.

**Incubator and Brooder Lamp Burners.** For Buckeye and other makes.

**No. 35.** Takes 1-in. wick, has large flame. 75c, postpaid 82c.

**No. 300.** Double burner. \$1.00, postpaid \$1.07.

**Chimneyless Lamp Burner.** For fountain heaters. 50c, postpaid 60c.

### THERMOMETERS

**No. 5 Brooder.** Fig. 1. Easily read. 50c, postpaid 62c.

**No. 401.** Electric Brooder. Outside scale. 90c, postpaid \$1.00.

**No. 91.** Buckeye Incubator. \$1.25, postpaid \$1.35.

**No. 5776.** Taylor Incubator. \$1.00, postpaid \$1.10.

**No. 5783.** Taylor Certified. \$1.75, postpaid \$1.85.



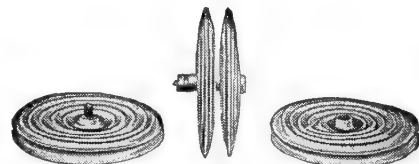
Fig. 1

### Buckeye Egg Basket

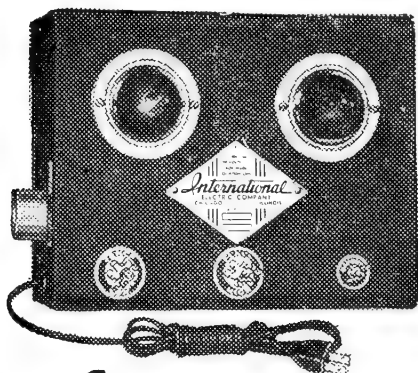
Held off ground to insure perfect cooling. Has card-holder for flock identification.

**No. 114.** 18-doz. Round. \$1.35, postpaid \$1.50. Supply uncertain.

### Wafer Thermostats



All-brass, double unit, for regular style brooders and incubators. 3-in. combination screw post 40c, 4-in. screw post 45c, 5-in. screw post 55c. Postage 5c each on all sizes.



## International

**WEED KILLING Electric Fencer  
No. 106 MAXI-SHOK**

Farmers swear by it. Stock respect it. Out-shocks all others on dry ground. Kills weeds and grass that would short out other fences. Yet it is **SAFE** and **DEPENDABLE** under all conditions. Guaranteed to be the most satisfactory fence used by farmers.

### SAVE TIME—SAVE MONEY

One wire will hold stock that cannot be held by barbed wire or woven wire. Strong shock on fences up to twenty miles long. Three times as effective as the ordinary electric fence. Many counties have over 1000 Maxi-Shok in use. Let us tell you about International performance locally.

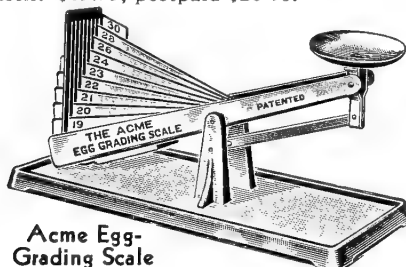
**110 to 120 volts A.C. input.  
SAFE—DEPENDABLE—GUARANTEED**  
\$22.50, postpaid \$22.80

## Perfection Egg Grader

**New All-Metal Model**

Introduced at I. B. C. A. Convention. The fastest, most accurate Egg Grader ever offered at a low price. Grades 3 to 5 cases per hour—**automatically**. Separates eggs into any 4 grades desired. Meets all state grading laws. Adopted by leading agricultural colleges. Adjustable. No dials to read. No electricity needed.

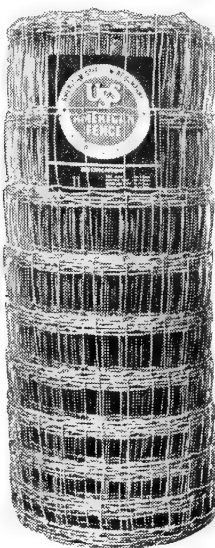
Portable, weighs only 12 lbs. Molded rubber tray. A great time-saver and money-maker. Assures uniform pack. Quickly pays for itself. \$19.95, postpaid \$20.10.



**Acme Egg-Grading Scale**

**No. 3.** Has been officially adopted as the standard Scale in many sections of the United States. Made entirely of aluminum. Indicates grade instantly. \$3.25, postpaid \$3.40.

**No. 517. Jiffy-Way Egg Scale.** \$1.75, postpaid \$1.87.



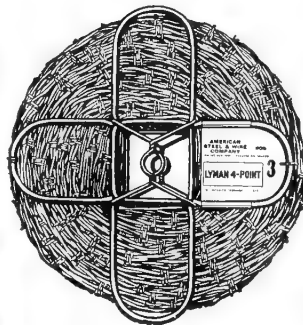
## Galvanized Barb Wire

80-rod spools 4-Point 4 or 6 in. between barbs for hogs or cattle. \$8.50.

**Barb Wire Staples. Lb. 15c.**

## Turkey Wire

Used for flooring. 100-foot rolls.  
36-in. \$17.50; 48-in. \$23.25.



## Horse, Cattle, Sheep and Hog Fence

**20-Rod Rolls; 6-in. Stays**

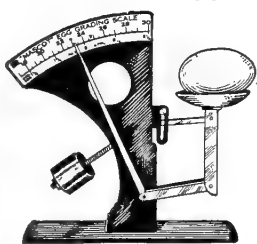
Height	Gauge	No. of Horizontal Bars	Price 20 Rods
26	12 1/2	7	\$15 00
32	12 1/2	8	18 30
39	12 1/2	9	20 00
47	12 1/2	10	22 30

## Poultry and Rabbit Fence

10-rd. Rolls  
48 in. high, 14 1/2 gauge ..... \$11 55  
58 in. high, 14 1/2 gauge ..... 13 00

## Automatic Egg-Scale No. 580

Has slanting dial for quick reading. Shows weight per dozen and each individual egg. Complete with leveling device. Grades up to 1800 eggs per hour. Adjustable stop converts into grader. Especially low in price. \$2.00, postpaid \$2.15.

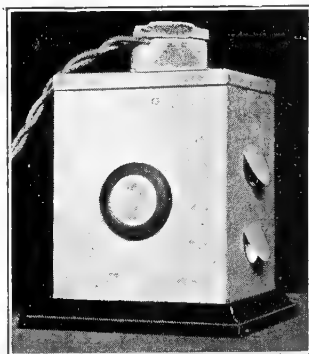


## No. 1000 Spotlight Tester

**Fig. 2**  
One of the best. Used by Government Grading Stations. \$3.00, postpaid \$3.15.

## Egg Candles or Testers

**No. 700. Fig. 1.** Complete Candler, including cord, socket, and bulb for 110-voltage, \$1.75, postpaid \$1.90.



**Fig. 1**



**Fig. 2**



## Hexagon Mesh Poultry Netting

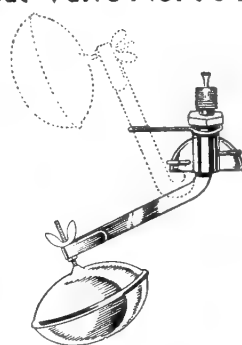
Put up in rolls of 150 running feet. Galvanized after weaving.

	2-in.	1-in.
No. 20	Wire	No. 20
12-in.		\$4 80
24-in.		8 85
36-in.	\$6 25	12 95
48-in.	8 15	
60-in.	10 05	
72-in.	11 95	

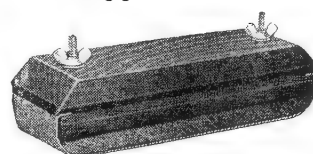
**Poultry Wire Staples. Lb. 20c.**

## Automatic Float Valve No. 904

Positive in action, accurately machined, made entirely of brass, the float is of extra-heavy construction. Valve is threaded for 1/4-inch iron pipe and can be connected to any pressure system, or to any tank or barrel, thereby providing a constant automatic supply of fresh drinking water. A wire hook is provided to hold the float up in "off" position while the container is removed or cleaned. \$1.10, postpaid \$1.20.



## Reliable "Dry-Clean" Egg Cleaner

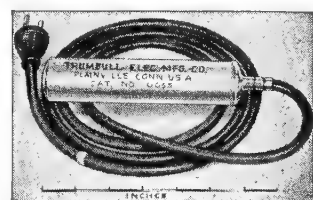


**No. 13.** Has sponge-rubber cushion base under cleaning cloth. This cleaning cloth is very finely grained and pliable to cover large surface of egg and prevent breaking. Cloth can be easily removed by loosening wing nuts and raising top section of Cleaner. New cloth is inserted in slots and wing nuts are retightened. Weight 7 ounces. 40c, postpaid 48c.

**Egg Cleaning Cloth.** 10-ft. rolls \$1.00, postpaid \$1.10.

**Opal Nest Eggs.** Made of glass. 7c each; 75c per doz., postpaid 95c.

## Automatic Electric Water Warmer



More eggs in zero weather. Holds water at 50° at all times. Thermostatic control. No radio interference; no fire hazard; uses current only when water temperature falls below 50°; entirely automatic. Complete with 6-ft. waterproof electric cord. \$4.00, postpaid \$4.12.

## Leg-Bands for Poultry and Pigeons



When ordering Bands, state for which breed.

### Bandettes

Unexcelled for use in trap-nesting.

- Made of celluloid. Large double numbers.
- No. 6.** For pigeons. 35c per doz.; 60c for 25; \$2.00 per 100.
- No. 9.** For Leghorns. 40c per doz.; 75c for 25; \$2.25 per 100.
- No. 11.** For Rocks, Reds, etc. 45c per doz.; 85c for 25; \$2.50 per 100.
- No. 12.** For Giants, Cochins, Turkeys and Geese. 50c per doz.; 90c for 25; \$2.75 per 100.
- No. 14.** For Large Turkeys, Geese. 80c per doz.; \$1.50 for 25; \$5.25 per 100.

## Spiralets

**Spiralet Leg-Bands.** Made of celluloid in different colors. Black, White, Blue, Red, Green, Yellow.

- No. 4 and No. 6.** For day-old chicks and Pigeons. 10c per doz.; 20c for 25; 30c for 50; 50c per 100.
- No. 8.** For Leghorns. 10c per doz.; 20c for 25; 35c for 50; 60c per 100.
- No. 9 and No. 11.** For large Leghorns, Rocks and Reds. 10c per doz.; 20c for 25; 40c for 50; 75c per 100.
- No. 12.** For Asiatics. 20c per doz.; 35c for 25; 60c for 50; \$1.00 per 100.
- No. 14.** For Turkey Hens. 25c per doz.; 40c for 25; 75c for 50; \$1.25 per 100.
- No. 16.** For Turkey Toms. 30c per doz.; 50c for 25; 85c for 50; \$1.50 per 100.
- Wing-Bands.** The best clinch or seal Wing-Band manufactured. 30c per doz.; 60c for 25; \$1.00 for 50; \$1.75 per 100, postpaid.
- Turkey Wing-Bands.** Numbered. \$2.50 per 100.



**Adjustable Leg-Bands.** Adjustable for any breed of poultry. 15c per doz.; 75c per 100; \$6.00 per 1000.

All Bands Postpaid

## Caponizing Sets, Poultry Markers, Etc.

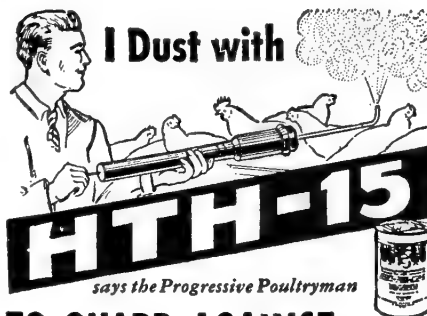


- Philadelphia Caponizing Set No. 155.** \$5.00, postpaid \$5.12.
- Lansdowne No. 1 Caponizing Set.** \$6.50, postpaid \$6.62.
- Lansdowne No. 2.** \$6.50, postpaid \$6.62.
- Cornell Caponizing Set.** \$9.00, postpaid \$9.12.

## Killing and Pinning Knives



- French Poultry-Killing Knife.** \$1.00, postpaid \$1.05.
- No. 313. Pinning Knives.** 45c, postpaid 50c.
- No. 323. Killing Knife, Chicken.** Wood handle. 60c, postpaid 65c.
- No. 2694. Killing Knife, Turkey.** 75c, postpaid 80c.
- Petty's Vest Pocket Toe Punch.** For convenience it has no equal. 25c, postpaid 30c.



## TO GUARD AGAINST COLDS • ROUP • BRONCHITIS

I fight colds and respiratory diseases by dusting with HTH-15, a dry, white powder, containing just the right balance of chlorine. HTH-15 is easy to use. I just dust over the birds on roost with an inexpensive dust-gun—and get all benefits of the chlorine inhalant treatment without disadvantages of moisture.

A little HTH-15 in drinking water helps prevent spread of disease. Disinfect poultry-houses and equipment by spraying regularly with HTH-15 solution. Economical—no waste—effective. Write for literature. Extensively used for dairy farm sanitation in the dairy, on the animals, and in the barns. 1-lb. can 85c, postpaid 95c; 3-lb. can \$2.00, postpaid \$2.20.

## Lobax (50% Chlorine)

Used like HTH-15 but is much stronger. 28-oz. can \$1.50, postpaid \$1.65.

## Carbola With Lindane

### Insect Killing and Germ Killing White Powder Paint

Ask your dealer today about the economical 50-lb bag. Lb. 25c; 5 lbs. 80c; 10 lbs. 1.35; 25 lbs. \$3.00; 50 lbs. \$5.50.

## Helmets

### Prevents Pickouts and Picking

Helmets permit all natural functions of the chickens and will not interfere with production. Easy to attach. \$1.50 for 50; \$2.75 per 100; \$12.50 for 500; \$22.50 per 1000.

**Turk-E-Bit.** Stop feather-picking. Easily attached; crimp on with your fingers.

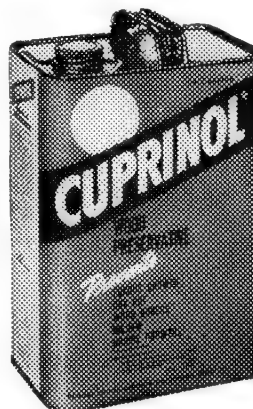
**No. 171.** \$2.00 per 100, postpaid \$2.12.

## Cuprinol Wood Preservative.

For general use on boats, farms, greenhouses and building construction. Stops wood rot color identifies treatment (green). Coverage, about 400 sq. ft. per gal. Qt. \$1.75, postpaid \$1.90; gal. \$4.70, postpaid \$5.00; 5 gals. \$22.00.

## Fidel-X Ter-mite Kill.

A tested product for termite control, if used according to directions it never fails. Qt. \$1.45; gal. \$4.95; Not mailable.



## Electric Thermostat Switch No. 715

An accurate snap type for use on battery brooders, incubators, or any place where correct temperature control is essential. Complete with wafer. \$2.20, postpaid \$2.32. Switch only, \$1.25, postpaid \$1.32.

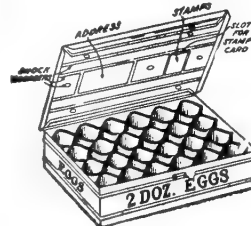
## Poultry House Scraper

No. W.C.H. \$2.00, postpaid \$2.25.

## Fowl Catcher

Strongly made. Overall length 47 in. 35c postpaid 47c. Heavy Duty for Turkeys. 50c each, postpaid 65c.

## Metal Egg Crates



### Sell Eggs by Mail

Indestructible; made for interchangeable shipments; lasts for years. Realize more money for your eggs.

Butterandeggs safely carried by mail in same

crate. Can be used for other products.

Prices and Mailing Weights			
Size, All Eggs Empty	Filled	Price	Post-paid
2 doz. .... 4 lbs.	6 lbs.	\$2 00	\$2 20
3 doz. .... 4 lbs.	8 lbs.	2 50	2 70
4 doz. .... 5 lbs.	11 lbs.	3 00	3 30
6 doz. .... 6 lbs.	15 lbs.	3 50	3 75

## M.-S. Egg Box

This is an ideal 3 x 4-section Box for the retail egg trade, holding one dozen, presenting the goods to the customer in an attractive package. They knock down in very compact shape. 25c per doz; \$2.25 per 125; \$4.00 per 250.

## Egg Preservative WATER GLASS

For storing eggs, use a five-gallon vessel such as a stone crock, wooden tub or bucket. The vessel must have a cover to prevent evaporation. Do not use tin or iron vessels. One gallon makes sufficient solution for 50 to 60 dozen eggs. Qt. 35c, postpaid 65c; gal. \$1.15, postpaid \$1.52.

## Biological Products

### ASL FOWL POX VACCINE

	Postpaid
100-dose units .....	\$1 10 \$1 22
Five 100-dose units .....	4 50 4 62

### PIGEON POX VACCINE

	Postpaid
100-dose units .....	\$1 50 \$1 62

### ASL BACTERINS

Cholera-typhoid, fowl-cholera, paratyphoid, typhoid-paratyphoid, and colds (mixed bacterins (avian) chicken and turkey formula).

	Postpaid
60cc .....	\$1 10 \$1 22
250cc .....	3 50 3 62

All ASL Biologics are manufactured under U. S. Veterinary License No. 165.

### ASL Fowl-Laryngotracheitis Vaccine

	Postpaid
100-dose units .....	\$2 50 \$2 62
Five 100-dose units .....	10 00 10 15

### ASL Antigen (stained pullorum)

Polyvalent K Formula (mixed) Antigen. (For detecting both types of pullorum infection)

	Postpaid
500 Test .....	\$2 00 \$2 12
1000 Test .....	3 50 3 65

TG Formula Pullorum Antigen (For detecting regular type infection only)

500 Test .....	1 60 1 62
1000 Test .....	3 00 3 15

(Each Package is complete with standard dropper, standard blood loop and directions for use).

### VIRUS NEWCASTLE DISEASE VACCINE

100-dose units .....	\$2 50 \$2 62
500-dose units .....	10 00 10 15

Biological Products continued on page 63.



# POULTRY FOODS, DISINFECTANTS AND TONICS

Are Sales Tax  
Exempt

**pratts**

## Poultry & Livestock Remedies

### POULTRY REGULATOR.

Now contains trace elements. For health and eggs. Use year 'round. Pkgs. 40c, 80c and \$1.60, postpaid 47c, 97c and \$1.75; 12½-lb. pkg. \$2.75, postpaid \$3.12; 35-lb. pail \$7.00; 100-lb. bag \$15.00 f.o.b. Baltimore, Md.

### N-K Capsules (Split Action).

For poultry worms. Does the work of two ordinary worm treatments. Adults: 50 capsules 85c, postpaid 90c; 100 capsules \$1.50, postpaid \$1.55; 500 capsules \$6.00, postpaid \$6.12; 1000 capsules \$11.25, postpaid \$11.40. Chick and Pullet: 50 capsules 55c, postpaid 60c; 100 capsules \$1.00, postpaid \$1.05; 500 capsules \$4.25, postpaid \$4.37; 1000 capsules \$7.25, postpaid \$7.48.

**CHICK TABLETS.** Use in the drinking water. Saves chicks Pkgs. 35c and 70c, postpaid 40c and 75c; 1000 tablets \$8.50, postpaid \$8.60.

**DISINFECTANT.** Economical, powerful, non-poisonous. Pt. 65c, postpaid 77c; qt. 95c, postpaid \$1.10; gal. \$2.50, postpaid \$2.75.

**LICE-KILLER.** In dust-baths, nests, etc. In sifter cans, 45c and 90c, postpaid 55c and \$1.05.

**PIK-NO-MOR.** Stops cannibalism among chicks at all ages. 35c, postpaid 40c; 70c, postpaid 75c.

**INHALANT.** For better control of colds and catarrh in poultry. 1-pt. bottle 70c, postpaid 82c; qt. \$1.25, postpaid \$1.40; gal. \$3.25. Express or freight only.

**ANIMAL REGULATOR.** Keeps stock in the pink of condition. Pkgs. 45c, 90c and \$1.80, postpaid 57c, \$1.05 and \$2.05.

**HOG POWDER.** Pkgs. 40c, 80c and \$1.60, postpaid 52c, \$1.05 and \$1.85.

**ROOST PAINT.** Will kill lice on fowls. ½pt. 85c, postpaid 97c; pt. \$1.40, postpaid \$1.55; qt. \$2.00, postpaid \$2.20; gal. \$6.75, postpaid \$7.10.

## C-Ka-Gene

Stops heavy losses from bloody coccidiosis. Turns natural attacks into immunity. 50-chick size 90c, postpaid \$1.02; 100-chick size \$1.60, postpaid \$1.75; 250-chick size \$3.50, postpaid \$3.85; 500-chick size \$6.25, postpaid \$6.75.

## Pratts Zene-A-Trol

For many species of worms in hogs, sheep, goats, horses, cattle, and chickens. Active ingredient phenothiazine. ½lb. \$1.25, postpaid \$1.37; lb. \$1.85, postpaid \$1.97; 5 lbs. \$8.00, postpaid \$8.25.

Write for FREE

## Poultry and Livestock Health Guide

## B. B. Poultry and Rabbit Feeds

Write for prices and free booklet on how to raise poultry.

### B. B. Rabbit Pellets

This nutritional Pellet constitutes the complete diet of the rabbit, entirely fulfilling the requirements of pregnant and milking does, breeding males and growing animals. 10 lbs. 75c; 25 lbs. \$1.75; 100 lbs. (price on request).

## BABY CHICKS, DUCKLINGS, TURKEY POULTS

### Blood-Tested for Pullorum Disease

We advise placing orders in advance as the demand for chicks is always heavy. Every bird in the breeding flocks has been selected for health, vigor, production and must conform to the type of the breed it represents. Each flock is blood-tested each year and all unsatisfactory birds are removed at once. Hatches every week after the middle of February.

White Leghorns. . . . .  
Barred Rocks. . . . .  
White Rocks. . . . .  
Rhode Island Reds. . . . .  
New Hampshire Reds. . . . .  
White Wyandottes. . . . .  
Giants—Black, White. . . . .  
Crosses. . . . .

Write  
for Prices

### TURKEY POULTS

**Mammoth Bronze**, bred from big-breasted mountain-bred stock. Price on request.

### DUCKLINGS

**Mammoth White Peking.** Price on request.

25 and 50 at the 100 rate. All prices on chicks, ducks, and poults on request.

## Bird Seeds

	Subject to Sales Tax	Lb.
Canary. . . . .	\$0	20
Rape. . . . .		20
Millet (Red or White). . . . .		12
Sunflower. . . . .		25
Wild Bird Seed. . . . .		15
Hemp. . . . .		25
Maw Seed. . . . .		50
Flax. . . . .		25

## Grit, Shell, Charcoal, Etc.

Poultry Grit (3 sizes) . . . . .	\$0	03
Poultry Shell (2 sizes) . . . . .		03
Charcoal (3 sizes) . . . . .		10

100-lb. price on request

# DON SUNG

A tonic and conditioner for laying hens. Powdered. Pkg. 50c, \$1.00, \$5.00, \$10.00 and \$20.00, postpaid.

## Walko Tablets



A valuable drinking-water antiseptic for all poultry. Use with every brood of baby chicks. 100 tablets 60c, postpaid 65c; 250 tablets \$1.20, postpaid \$1.25; 1000 tablets \$2.50, postpaid \$2.62; 2000 tablets \$4.00, postpaid \$4.20.

## Group-Over

Formerly called Roup-Over. 50c and \$1.00, postpaid 60c and \$1.10.

## Avicol

For Baby Chicks and Turkeys. Use in drinking water. Pkg. 50c, \$1.00 and \$5.00, postpaid.

## Lee's Remedies



**Lee's Ka-Pons.** Grow larger chickens and turkeys for less money. Lee's Ka-Pons also improves the quality and flavor of the meat. Reduces feeding period, also loss from fighting males. 100 tablets \$3.00; 1000 tablets \$26.00.

**Ka-Pons Implantor.** Single shot \$3.00; Repeater \$5.00.

**Lee's Acidox.** The value of an acid preparation in taking care of birds infected with coccidiosis is quite generally recognized by the poultry industry. 4-oz. bottle 50c, postpaid 62c; 12-oz. bottle \$1.00, postpaid \$1.15; 32-oz. bottle \$2.00, postpaid \$2.17; ½gal. \$3.50; gal. \$6.50. (Last two sizes, express or freight only.)

**Lee's Germozone.** The best tonic for poultry. For roup, cholera, and other diseases. 4-oz. bottle 50c, postpaid 72c; 12-oz. bottle 90c, postpaid \$1.05; 32-oz. bottle \$1.75, postpaid \$1.95; ½gal. \$3.00; gal. \$5.25. (Last two sizes, express or freight only.)

**Lee's Vapo Spray.** Use around roosts at night in cases of roup, canker, bronchitis and pneumonia. Pt. 60c, postpaid 72c; qt. 90c, postpaid \$1.05; ½gal. \$1.50; gal. \$2.50. (Last two sizes, express or freight only.)

**Lee's Gizzard Worm Capsule.** Expels worms without sickening the chicken or retarding egg-production. Adult size: 50 capsules 85c, postpaid 90c; 100 capsules \$1.40, postpaid \$1.50. Pullet size: 50 capsules 60c, postpaid 65c; 100 capsules \$1.10, postpaid \$1.20; Chick size: 50 capsules 45c, postpaid 50c; 100 capsules 85c, postpaid 95c.

## TOXITE

To control coccidiosis, round worm and red mites. Qt. 75c, postpaid 90c; gal. \$2.00, postpaid \$2.35.

## "Black Leaf" Mash-Nic

### A single-dose flock treatment

¼lb. (treats 100 birds) 35c; 3 lbs. (treats 1200 birds) \$3.10, postpaid \$3.29; 25-lb. bags \$15.00. Pellets, 50c per 100, postpaid 62c; \$1.95 for 500, postpaid \$2.15.

**B. H. C. SPRAY.** A D.D.T. product for household use against flies, mosquitoes, gnats, clothes moths, ants, fleas, carpet beetles, bedbugs, roaches, etc. Pt. can 50c; qt. can 75c; gal. \$2.40. Postage extra.

**918B BARN and STOCK SPRAY (50% D.D.T.)** For use on livestock and in stables, barns, etc. 1-lb. pkg. 60c; 3-lb. pkg. \$1.40.

**921 POULTRY PEST POWDER.** Very economical and effective. Lb. \$1.40.

**922A LOUSE POWDER** For lice and ticks on stock. 65c, postpaid 80c.

**913B INSECT POWDER.** 10% D.D.T. Controls roaches, ants, bedbugs, etc. 8 ozs. 35c; lb. 60c.

Insect Remedies, continued next page, middle column

# You Can Get Rid of Rats, Roaches, Mice, Moles. See Below

All Items on This Page Subject to Maryland State Tax  
Prices subject to change

## DOG FOODS, REMEDIES AND SUPPLIES

### Spratt's Dog Foods

Spix — Ovals — Charcoal Biscuits  
Mixed Dog Biscuits

Each, lb. 28c; 5 lbs. \$1.30; 10 lbs. \$2.50.  
Postage extra.

### D & G Dog Foods

D & G Kibbled. Lb. 15c, 10 lbs. \$1.40,  
25 lbs. \$3.25, 50 lbs. \$6.25.

D & G Biscuits. Lb. 15c; 10 lbs. \$1.40;  
25 lbs. \$3.25; 50 lbs. \$6.25.

D & G Mighty Good Meal. Lb. 12c; 10 lbs.  
\$1.00; 25 lbs. \$2.35; 50 lbs. \$4.50. Postage  
extra.

HUNT CLUB DOG MEAL. 50-lb. bag  
\$5.00.



**Dog Soap.** (White.)  
Contains no carbolic  
acid or coal-tar but  
is nicely perfumed  
and produces a fine  
lather. 25c, post-  
paid 30c.

**Sulfadene.** Applied externally, stops itch-  
ing in minutes, clears up scales and sores in  
a few days. Generous treatment—4-oz.  
bottle 98c, postpaid \$1.10.

**B.B. Shampoo Wash.** For dogs and cats.  
50c, postpaid 62c.

### Rudex

Kills and prevents fleas, lice, ticks and  
other pests that torture dogs, cattle, hogs and  
horses. 6-oz. bottle 35c, postpaid 47c; 12 oz.  
60c, postpaid 72c. Not recommended for  
cats or cage birds.

### Hammond's Flea Powder

For dogs and cats. Contains 1% rotenone.  
50c, postpaid 62c.

**B.B. Flea Killer Powder.** For dogs and  
cats. 25c, postpaid 30c.

**Flea Not Powder.** 1% Rotenone. 25c,  
postpaid 30c.

**Play Mouse for Kitty.** 15c, postpaid 17c.



ONE-SPOT is so called because it requires  
application only in one spot on the dog to  
effectively control his fleas. Can 35c,  
postpaid 40c.

## Framingham Cedar Bedding

Preferred by many dog-owners. 10 lbs.  
\$1.60, postpaid \$1.80; 25 lbs. \$3.50, postpaid  
\$3.85; 50 lbs. \$6.25; 100 lbs. \$12.00. 50 lbs.  
and 100 lbs. f.o.b. Baltimore.

## Fleischmann's Irradiated Dry Yeast for Dogs



Gives the coat a beautiful  
gloss, helps clear up skin dis-  
orders, stops itching, builds  
stronger bones in puppies,  
prevents rickets. Four sizes:  
3½-oz. can 25c; 8-oz. can  
50c; 1-lb. can 85c. Post-  
paid 30c, 62c, and \$1.00.

## COMMON-SENSE COCKROACH PREPARATION

Best yet. 35c, postpaid 40c.

**Tate Roach Trap.** 35c, postpaid 40c.

## Roach-Nots

A biologically tested material that will  
help to exterminate roaches, ants, and silver-  
fish. Household size 25c, postpaid 30c; hotel  
and restaurant size \$1.00, postpaid \$1.10.

## Talcimized Sodium Fluoride

Extra good roach killer

Small size, ½ lb. 35c, postpaid 47c; lb. 60c,  
postpaid 75c; 5 lbs. \$2.50, postpaid \$2.71.

**D.D.T. 10% (Tat) Insect Dust.** For pets.  
25c, postpaid 35c.

**NIAGARA INSECT POWDER.** Con-  
tains 10% D.D.T. Excellent for household  
use—to eliminate insects. 8-oz. canister  
35c, postpaid 47c; 1-lb. canister 60c,  
postpaid 75c.

## Cyanogas

Calcium Cyanide (Crude)—A-Dust

Kills rats, mice, moles, pocket gophers,  
ground squirrels, woodchucks, ants, fleas,  
bees, roaches and moths. Lb. \$1.25, postpaid  
\$1.40; 5 lbs. \$3.75, postpaid \$4.00.

**MOLOGEN.** Eliminates moles in short time.  
½ lb. 50c, postpaid 62c; 1½ lbs. \$1.25,  
postpaid \$1.40; 5 lbs. \$4.00, postpaid \$4.21.

**MOLE-NOTS.** Protect lawns, gardens, flower-  
beds and golf courses from the ravages of  
moles, gophers, and field-mice. A 35c  
package will treat about 40 feet of runs.  
35c, postpaid 40c; estate size \$1.00, post-  
paid \$1.10.

**MO-GO.** Poisoned nuts. Kills moles and  
gophers. 35c, postpaid 40c.

## "Wrap-on" Cable (Electric) Prevents Frozen Pipes

Simply wrap on the electric heating cable,  
then wrap on the insulation and plug in the  
cable and thermostat—it is as simple as that.  
Most anyone can install. Thermostat auto-  
matically turns on current when temperature  
drops below 35°. Lasts for years. Full in-  
structions supplied. Order the shortest cable  
specified for your pipe length. Guaranteed.

**B12.** 30 W.-115 V. for 3 to 6 ft. of pipe. \$1 80  
**M26.** 60 W.-115 V. for 6 to 12 ft. of pipe 2 80  
**J56.** 140 W.-115 V. for 12 to 25 ft. of pipe 3 00  
**S112.** 280 W.-115 V. for 25 to 50 ft. of pipe 6 00  
**S224.** 560 W.-230 V. for 50 to 100 ft. of  
pipe 12 00  
**FAT**—35° fixed temp. thermostat 4 50

## Common Sense Exterminator

Kills rats. Why feed rats when a 35c tube  
of "Common Sense" will clean them out?  
Postpaid 41c.

**Warfarin.** One spot Rat and Mouse Killer.  
\$1.00.

## TAT—Antu Baits

**Antu Tracking Bait.** 30% Antu. Concen-  
trate powder, \$1.00, postpaid.

**Tat Formula 83 Antu.** 20% Antu. Com-  
bination drinking and feeding bait. Pkgs.  
35c and \$1.00, postpaid.

**Notts, Rat-Tu.** For tracking, feeding or  
drinking. 25% Antu, pkg. 60c; 5% Antu,  
pkg. 35c., postpaid.

## Rat-Nots

Non-poisonous raticide of exceptional  
merit. **HARMLESS TO HUMANS, DOGS,  
CATS, LIVESTOCK.** In prepared bait form  
—no mixing, no fuss, no muss. Based on  
active materials as recommended by U. S.  
Department of Agriculture. Household size  
25c, postpaid 30c. Estate or Farm size \$1.00,  
postpaid \$1.10.

## K-R-O (Kills Rats Only)

Will not injure human beings, livestock,  
dogs, cats, poultry, yet is deadly to rats and  
mice every time. Made of powdered squill.  
Pkg. (sufficient to kill 200 or more rats)  
75c, postpaid 80c.

## K-R-O Bis-Kit

New, ready-to-use baked biscuits contain-  
ing bait material attractive to rats. This  
product is constantly checked to insure  
uniform red-squill potency. It carries a  
money-back manufacturer's guarantee. Small  
size 35c, postpaid 40c; large size \$1.00, post-  
paid \$1.10.

## Pastoxine

Non-Poisonous. Concentrated



Positively no dan-  
ger to man, domestic  
animals and poultry.  
It is non-poisonous.  
Does not contain  
phosphor baryta or  
other mineral poison.

Net contents 1  
ounce (will kill 100  
rats and mice),  
60c, postpaid 65c.  
Large size (enough  
to kill 2000 rats),  
\$5.00, postpaid  
\$5.15.



## Mouse-Nots

The new mod-  
ern way to de-  
stroy mice in  
house or gar-  
den. Impreg-  
nated prepared  
seed-bait, easy  
to use, clean,  
sanitary, no  
mixing, no traps  
needed. House-  
hold size 25c,  
postpaid 30c.  
Farm size \$1.00,  
postpaid \$1.10.

## R-L Mouse Seed

A small seed chemically treated. Very  
clean and easy to use. No baits, no traps, no  
muss. Does not dry up or spoil. Excellent  
to use when closing homes or camps. A  
supply is always exposed, thus killing mice  
when they first enter. 25c, postpaid 30c.

# THE MEYER SEED CO.

Date.....1951

P. O. or  
R. F. D. Address.....

**Freight or Express Address**.....

State.....

Superintendent's or  
Gardener's name.....

<b>Filled by</b>	<b>Double Checked by</b>	<b>Shipped by</b>	<b>Notified</b>
<b>Date</b>	<b>Date</b>	<b>Date</b>	<b>Date</b>

<b>Filled by</b>	<b>Double Checked by</b>	<b>Shipped by</b>	<b>Notified</b>
<b>Date</b>	<b>Date</b>	<b>Date</b>	<b>Date</b>

AMOUNT FORWARD

## SPECIAL NOTICE

It is always best to write letters and inquiries on a separate memorandum. NOT on order sheets.







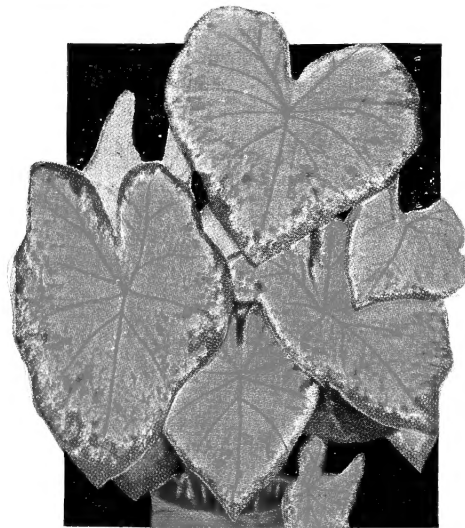
### Tigridia • Shellflower

Mexican bulbs producing showy, large, oddly shaped blooms of exotic beauty. Well suited to planting in the mixed border. Handle the same as gladiolus. Blooms all summer long. 1½ ft. **10c each; 3 for 25c; 90c per doz.** If to be sent **postpaid**, add 2c each; **10c per doz.**



### Peruvian Daffodils

Large white flowers somewhat like an amaryllis. Blooms in summer if planted outdoors after danger of frost. Must be taken up in the fall and brought indoors for replanting next spring. **30c each; \$3.25 per doz.** If to be sent **postpaid**, add **5c each; 25c per doz.**



### Fancy-leaved Caladiums

Will do well outdoors as well as in pots in a half-shaded exposure, with plenty of moisture and rich humus-containing soil. Culture same as Begonias.

**Outstanding Varieties.** Can be supplied in separate colors or mixed. See page 39. **30c each; \$3.00 per doz.** If to be sent **postpaid**, add 2c each; **20c per doz.**

## BULBS

### To Plant this Spring

#### TUBEROUS-ROOTED BEGONIAS

Wonderful for a shady bed that gets plenty of moisture and has rich loamy soil. These spectacular flowers are now enjoying great popularity. They bloom from June until frost if started indoors in February and transplanted when frost is over.

We offer both single and double varieties in Crimson, Pink, Yellow, Scarlet, White, Salmon and Mixed, as well as the Pendula or Hanging-basket Type in Salmon, Red and Yellow. **2-in. and up bulbs, 25c each; \$2.50 per doz.** If to be sent **postpaid**, add 2c each; **20c per doz.**

#### GLOXINIAS

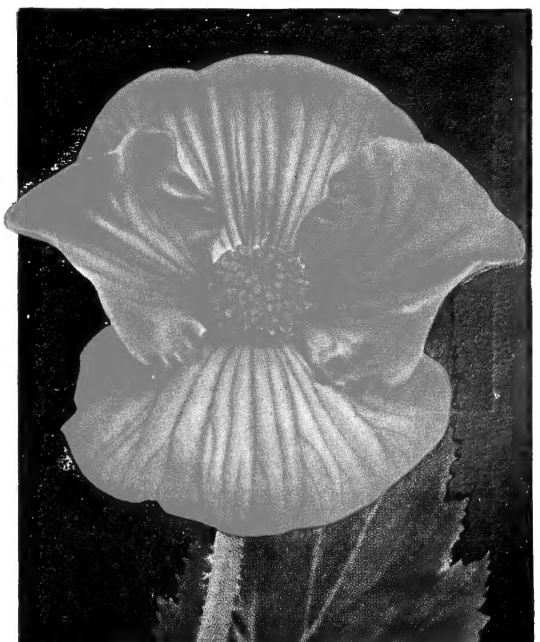
For indoor bloom start in January. Plant outdoors in shady locations when all frost danger is past. See page 40 for list of varieties. **40c each; \$4.50 per doz.** If to be sent **postpaid**, add 2c each; **20c per doz.**



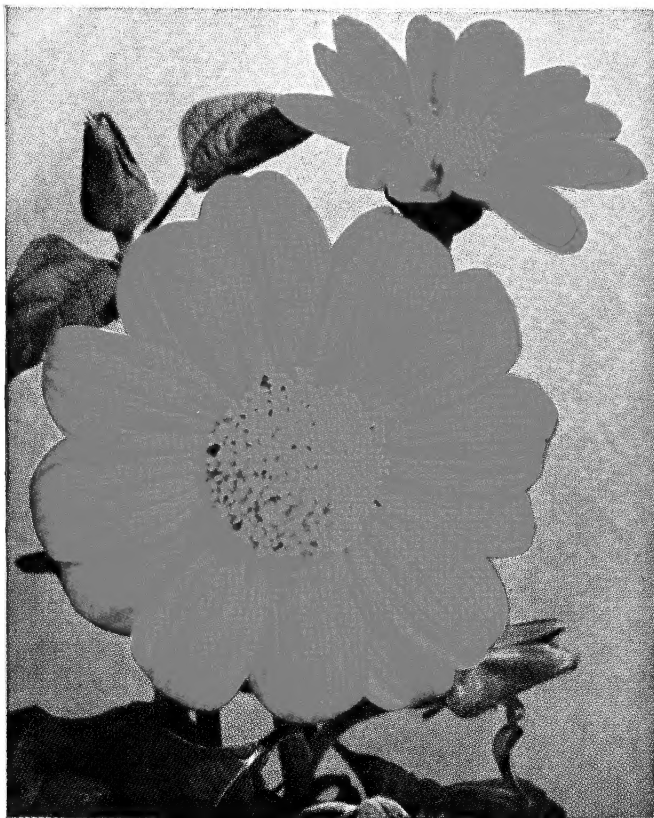
**DOUBLE TUBEROUS-ROOTED BEGONIA**



**GLOXINIAS**



**SINGLE TUBEROUS-ROOTED BEGONIA**



**166. TITHONIA, TORCH**

The top winner in All-America Selections for 1951. Grows as easily as a zinnia and thrives in hot weather. A favorite color—orange-red. Grows waist high. **Pkt. 25c.**



**18A. ASTERS, BALLET TYPE**

Double flowers with a crested center. Early and very resistant to wilt. Fine for cutting. We offer a full mixture of colors. **Pkts. 25c and 50c.**



**310. LARKSPUR, REGAL**

Huge, double florets evenly spaced on long fat spikes first class for cutting. Base-branching habit; uniformly early. Separate or mixed colors. See page 31. **Pkt. 25c.**



**310B. PETUNIA, FIRE CHIEF**

1950 Gold Medal winner. Bright velvety red flowers. Well-branched, compact plants a foot tall. Blooms all summer. A bed of these is a sight to behold. **Pkts. 25c and 50c.**